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# FEDERAL MILK ORDER

## MARKET STATISTICS

### JANUARY HIGHLIGHTS

MINIMUM CLASS I PRICE \$6.74; BLEND, \$6.01

PRODUCER DELIVERIES UP 3.7 PERCENT

PRODUCER MILK USED IN CLASS I UP 0.1 PERCENT

68 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES UP 0.8 PERCENT

CURRENT SERIAL RECORDS

\*\*\*\*\*  
\* SPECIAL THIS ISSUE \*  
\* \*  
\* Annual in-Area Fluid Milk Sales - See page 18 \*  
\* and \*  
\* Surplus Milk Used in Federal Order Markets, 1968 \*  
\* See Page 29 \*  
\*\*\*\*\*



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Summary

There are now 68 marketing areas under Federal milk order regulation. In this and forthcoming issues of this publication in 1970, average and total data for all 68 markets will be shown for the months of 1970 and corresponding months of 1969. Also, total and average data for a group of 64 markets will be shown. This 64-market grouping consists of those markets which have been regulated continuously since January 1, 1969, and which have had no significant marketing area expansions since that time. It excludes the Minneapolis-St. Paul, Southeastern Minnesota-Northern Iowa, Georgia, and Oregon-Washington markets. These 64 markets will be referred to as "comparable" markets, since data for them will not be influenced by newly regulated markets, nor by significant expansions in present marketing areas. If, during the remainder of 1970, any of the 64 marketing areas should be significantly enlarged, data for the expanded areas will be excluded from the 64-market group and data will be totaled or averaged for the remaining markets.

On occasion, noticeable differences occur in data for individual comparable markets. This is usually the result of changes in the number of producers or plants associated with the particular Federal milk order markets concerned.

Fluid milk sales within defined marketing areas will be reported for 61 markets where it is possible to accurately determine total in-area sales and where such sales were available last year. In addition, daily average sales of individual fluid milk products for all these markets combined will be shown for each month. In-area fluid sales will not be reported for: New York-New Jersey, Upstate Michigan, Fort Smith, Georgia, Southeastern Minnesota-Northern Iowa, Oregon-Washington, and Western Colorado. In-area sales represent total fluid sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers.

Producer deliveries and producer deliveries used in Class I									
Prices per 100 pounds (3.5 percent)									
Year	Number	Prod.	Change	Del.	Change	Class I	Utilization	Class I	Blend
and	of	deliv.	from	used	from	Utilization			
month	comp.	prev.	prev.	in	prev.	1970	1969	1970	1969
	mkts.	eries	year	Class I	year	1970	1969	1970	1969
	No.	Bil.lb.	Pct.	Bil.lb.	Pct.	Percent		Dollars	Dollars
1970:									
Jan.	64	4.9	3.7	3.3	0.1	68	70	6.74	6.44

Minimum Prices. The weighted average Class I price paid by handlers regulated under 64 comparable Federal milk order markets for 3.5 percent milk in January 1970 was \$6.74 per hundredweight, 30 cents higher than the \$6.44 per hundredweight price in January 1969. (See table 2.) Class I prices announced for February 1970 with comparisons with February 1969 are shown on table 1.

Producers in the 64 markets received a weighted average blend price of \$6.01 per hundredweight for 3.5 percent milk in January 1970, 22 cents higher than the \$5.79 price received by producers in January 1969. Class prices, blend prices, and associated butterfat differentials, by markets are reported on table 2.

Producer Deliveries. A total of 136,740 producers delivered 4.9 billion pounds of milk to handlers in the 64 markets during January 1970. This volume is 3.7 percent above producer deliveries in January 1969. Average daily delivery per producer increased from 1,102 pounds in January 1969 to 1,166 pounds in January of this year. Producer number, producer deliveries, average butterfat percentages, and average daily delivery per producer for individual markets are shown in table 3.

Producer Deliveries Used in Class I. The volume of producer deliveries used in Class I in 64 markets increased 0.1 percent above January of last year, to a total of 3.3 billion pounds for January 1970. (See table 4.)

Percentage of Producer Deliveries Used in Class I. The average utilization percentage in 64 markets for January 1970 was 68 percent, two percent below that in January 1969. (See table 5.)

Filled Milk Product Sales. Total in-area sales for January 1970 in 60 marketing areas are estimated to be about 2.8 billion pounds, 0.8 percent above such sales in January of last year.

Total fluid in-area sales for December 1969 were 3.8 percent above sales for December 1968. This increase was the result of increases of 1.1 percent, 17.2 percent, and 2.5 percent, in sales of whole milk, skim and lowfat milk items, and cream items, respectively, which more than offset a 2.8 percent decrease in sales of mixtures. Complete December in-area sales for total fluid items, and the four major fluid product grouping (whole milk, skim milk items, mixtures, and cream) are reported on table 8.

Filled and Imitation Milk Sales. Survey data of filled and imitation milk sales in Federal order markets during November, December 1969, and January 1970 are presented on table 11.

## ANNUAL IN-AREA FLUID MILK SALES 1969

Total fluid milk sales within 60 Federal milk order marketing areas were 30.0 billion pounds in 1969, 0.6 percent above such sales in the same markets in 1968. Sales were up for all skim milk items, except plain skim milk. Sales of lowfat milk and skim milk with solids added showed the largest increase for 1969, increasing 19.3 percent and 17.5 percent, respectively. Sales of all other fluid milk items for 1969, with the exception of flavored whole milk and sour cream, were down from the previous year. Whole milk sales decreased 1.9 percent; sales of milk and cream mixtures were down 6.3 percent; and sales of cream items were down 4.8 percent. Daily average sales of individual fluid milk products for 1969, by months, are shown on table 8.

Changes in sales relationship and butterfat content of the four major fluid milk product groups and total fluid products, 1960-69 are summarized below:

Year	Whole Milk Items				Skim Milk Items				Milk and Cream Mixtures 1/				Cream Items				Total Fluid Items			
	No.	Pct.	Pct.	Bf.	Pct.	Pct.	Bf.	Pct.	Pct.	Bf.	Pct.	Pct.	Bf.	Pct.	Pct.	Bf.	Pct.	Pct.	Bf.	
	of	change	of	of	change	of	of	change	of	of	change	of	of	change	of	of	change	of	of	
	Mkts.	over	prev.	total	over	prev.	total	over	prev.	total	over	prev.	total	over	prev.	total	over	prev.	total	
	year	year	fluid	test	year	year	fluid	year	year	fluid	year	year	fluid	year	year	fluid	year	year	fluid	
1960	63	+ 0.1	89.3	3.57	+ 7.8	7.7	1.12	+ 4.2	1.9	11.7	- 1.2	1.1	22.8	+ 0.8	100.0	3.76				
1961	65	- 1.2	88.8	3.56	+10.1	8.2	1.12	- 1.1	1.8	11.7	- 3.0	1.2	22.8	- .5	100.0	3.72				
1962	67	+ 1.2	88.4	3.56	+ 7.6	8.7	1.17	+ .1	1.7	11.7	- 2.5	1.2	23.6	+ 1.7	100.0	3.72				
1963	73	+ 2.3	87.5	3.53	+ 9.0	9.9	1.27	- 1.7	1.7	11.8	- 3.7	.9	23.0	+ 2.8	100.0	3.61				
1964	71	+ 1.0	86.5	3.52	+12.5	11.0	1.33	- 2.2	1.7	11.8	- 1.2	-.8	22.9	+ 2.0	100.0	3.57				
1965	69	+ 1.2	86.4	3.52	+ 9.0	11.1	1.36	- 1.2	1.6	11.7	- 1.3	.9	22.6	+ 1.9	100.0	3.58				
1966	66	- .4	85.0	3.52	+13.5	12.7	1.43	- 2.0	1.4	11.7	- 5.2	.9	22.8	+ 1.2	100.0	3.53				
1967	67	- 2.9	83.1	3.50	+13.4	14.7	1.49	- 5.2	1.4	11.5	- 6.0	.8	22.7	- .9	100.0	3.46				
1968	62	- .7	81.1	3.49	+16.2	16.8	1.48	- 3.2	1.4	11.4	- 4.2	.7	22.5	+ 1.7	100.0	3.40				
1969	60	- 1.9	78.8	3.47	+13.6	19.2	1.51	- 6.3	1.3	11.4	- 4.8	.7	22.2	+ .6	100.0	3.32				

1/ Includes eggnog.

Over the last few years, there have been noticeable changes in the butterfat content of whole milk items and skim milk items, and their sales relationships to total fluid sales. There has not been much of a change in the butterfat content of mixtures and cream items, nor in their sales relationship to total fluid item.

Sales of whole milk items and butterfat content of such sales have been decreasing. In 1960 whole milk items, with a butterfat content of 3.57 percent represented 89.3 percent of the total sales of fluid milk items. In 1969, such items had a butterfat content of 3.47 percent and represented 78.8 percent of total fluid sales. In contrast, sales of skim milk items and the butterfat content of such items have been increasing; and in 1969, represented almost 20 percent of total sales of all fluid milk items.

Much of the decrease in the sales of whole milk items and the increase in sales of skim milk items can be attributed to the emergence of lowfat milk products with a butterfat content from about 1.5 to 2.5 percent and commonly referred to as 2 percent milk. In addition to the sales increase in 2 percent milk, large increases were reported in sales of skim milk with solids added and in sales of yogurt. In 26 markets, sales of skim milk items comprised 25 percent or more of the markets' total fluid sales. Lower prices in some markets and weight consciousness on the part of some consumers are factors contributing to the increased use of skim milk items.

Table 1.--Federal order minimum Class I prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point\*, and butterfat differentials, February 1970 and 1969

Marketing area	Class I price : Fat : per 100 lb. : Differential : : 0.1% :				Marketing area	Class I price : Fat : per 100 lb. : Differential : : 0.1% :			
	February					February			
	1970	1969	1970	1969		1970	1969	1970	1969
	Dollars		Cents			Dollars		Cents	
NEW ENGLAND					WEST NORTH CENTRAL -Con.				
Massachusetts-R.I.-N.H. 1/	7.65	7.31	7.8	8.1	Southern Group				
Connecticut	7.65	7.31	7.8	8.1	St. Louis-Ozarks	6.27	5.93	8.1	8.0
					Kansas City	6.41	6.07	8.1	8.0
MIDDLE ATLANTIC					Neosho Valley	6.32	5.98	8.5	8.3
New York-New Jersey 2/	7.31	6.97	7.8	8.0	Wichita	6.47	6.13	8.1	8.0
Delaware Valley	7.51	7.17	7.8	8.1					
					EAST SOUTH CENTRAL				
SOUTH ATLANTIC					Paducah	6.52	6.18	8.1	8.0
Upper Chesapeake Bay	7.41	7.07	7.8	8.2	Nashville	6.25	5.95	8.1	8.0
Washington, D. C.	7.41	7.07	7.8	8.2	Memphis	6.61	6.27	8.1	8.0
Tri-State	6.42	6.06	8.1	8.0	Knoxville	6.03	5.81	8.1	8.0
Appalachian	6.80	6.46	8.1	8.0	Chattanooga	6.82	6.58	8.1	8.0
Tampa Bay	7.57	7.23	7.5	7.5	Mississippi	7.14	6.80	8.1	8.0
Southeastern Florida	7.77	7.43	7.5	7.5	Georgia	6.97	---	8.1	---
Upper Florida	7.47	7.13	7.5	7.5					
					WEST SOUTH CENTRAL				
EAST NORTH CENTRAL					Northern Group				
Eastern Group					Central Arkansas	6.61	6.27	8.1	8.0
Upstate Michigan	6.16	5.82	7.5	7.5	Fort Smith	6.62	6.28	8.5	8.3
Southern Michigan 3/	6.27	5.93	7.6	7.5	Oklahoma Metropolitan	6.65	6.31	8.5	8.3
Northwestern Ohio	6.37	6.03	8.1	8.0	Red River Valley	6.87	6.53	8.5	8.3
Eastern Ohio-Western Pa.	6.54	6.21	8.1	8.0	Texas Panhandle	6.92	6.58	8.1	8.0
Columbus	6.32	6.16	8.1	8.0	Lubbock-Plainview	7.09	6.75	8.5	8.3
Miami Valley	6.29	6.10	8.1	8.0					
Cincinnati	6.35	6.16	8.1	8.0	Southern Group				
					Northern Louisiana	7.14	6.80	8.1	8.0
Western Group					New Orleans	7.52	7.18	8.1	8.0
Mich. Upper Peninsula	6.02	5.68	8.5	8.3	North Texas	6.99	6.65	8.5	8.3
Chicago Regional	5.87	5.53	8.1	8.0	Central West Texas	7.24	6.90	8.5	8.3
Louisville-Lex.-Evans.	6.16	5.82	8.1	8.0	Austin-Waco	7.37	7.03	8.1	8.0
Indiana	6.14	5.80	8.1	8.0	San Antonio	7.41	7.07	8.5	8.3
Southern Illinois	6.20	5.86	8.1	8.0	Corpus Christi	7.74	7.40	8.1	8.0
Central Illinois	6.06	5.72	8.1	8.0	South Texas	7.35	7.01	8.5	8.3
WEST NORTH CENTRAL					MOUNTAIN				
Northern Group					Eastern Colorado	6.91	6.55	8.8	8.6
Duluth-Superior	5.77	5.43	8.8	8.6	Great Basin	6.92	6.58	9.1	9.0
Minneapolis-St. Paul	5.73	5.39	8.1	8.1	Western Colorado	6.86	6.50	8.8	8.6
Eastern South Dakota	6.17	5.83	8.1	8.0	Central Arizona	7.19	6.83	9.1	9.0
Black Hills	6.62	6.68	8.1	11.5	Rio Grande Valley	7.02	6.68	8.5	8.3
North Central Iowa	5.92	5.58	8.1	8.0					
Cedar Rapids-Iowa City	5.97	5.63	8.1	8.0	PACIFIC				
Quad Cities-Dubuque	5.97	5.63	8.5	8.3	Puget Sound	6.52	6.18	8.5	8.3
Des Moines	6.12	5.78	8.1	8.0	Inland Empire	6.62	6.16	8.3	8.2
Nebraska-Western Iowa	6.27	5.93	8.5	8.3	Oregon-Washington	6.62	---	8.1	---
Minnesota-North Dakota	5.97	5.39	8.1	8.0					
Southeastern Minnesota-									
Northern Iowa	5.73	---	8.1	---					

\* Generally the major city in the marketing area. See footnotes on table 2 for location.

1/ 201-210 mile zone: February 1970, \$7.25 and February 1969, \$6.91.

2/ Metropolitan area price excludes a 5-cent direct delivery differential. 201-210 mile zone: February 1970, \$7.07 and February 1969, \$6.73.

3/ Excludes an 8-cent direct delivery differential.

TABLE 2.--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINTS AND BUTTERFAT DIFFERENTIALS, JANUARY 22

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	JAN 1970	JAN 1969	JAN 1970	JAN 1969	JANUARY 1970		JANUARY 1970			
	DOLLARS						CENTS			
NEW ENGLAND										
MASSACHUSETTS-RI-NH 1/	7.61	7.31	6.60	6.28	4.34	---	8.0	8.0	---	8.0
CONNECTICUT 2/	7.61	7.31	6.86	6.72	4.34	---	8.0	8.0	---	8.0
AVERAGE 3/	7.61	7.31	6.67	6.40	---	---	8.0	---	---	8.0
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY 4/	7.27	6.97	6.07	5.94	4.36	---	8.0	8.0	---	8.0
DELAWARE VALLEY 5/	7.47	7.17	6.47	6.38	4.36	---	8.0	8.0	---	8.0
AVERAGE 3/	7.32	7.01	6.15	6.02	---	---	8.0	---	---	8.0
SOUTH ATLANTIC										
UPPER CHESAPEAKE BAY 6/	7.37	7.07	6.43	6.21	4.30	---	8.0	8.0	---	8.0
WASHINGTON, D.C.	7.37	7.07	6.46	6.38	4.30	---	8.0	8.0	---	8.0
TRI-STATE 7/	6.38	6.02	6.12	5.79	4.67	4.67	8.2	7.8	7.8	8.1
APPALACHIAN 8/	6.76	6.46	6.43	6.26	4.01	---	8.2	7.4	---	8.0
TAMPA BAY	7.53	7.23	7.24	6.86	5.67	4.82	7.5	7.5	7.8	7.5
SOUTHEASTERN FLORIDA 9/	7.73	7.43	7.54	7.18	5.67	4.82	7.5	7.5	7.8	7.5
UPPER FLORIDA 10/	7.43	7.13	7.30	6.94	5.67	4.82	7.5	7.5	7.8	7.5
AVERAGE 3/	7.28	6.98	6.72	6.50	---	---	7.8	---	---	7.8
EAST NORTH CENTRAL										
EASTERN GROUP										
UPSTATE MICHIGAN 11/	6.12	5.82	5.67	5.46	4.40	4.15	7.5	7.5	7.5	7.5
SOUTHERN MICHIGAN 12/	6.23	5.93	5.68	5.45	4.40	4.25	7.6	7.6	7.6	7.5
NORTHWESTERN OHIO 13/	6.33	6.03	5.79	5.54	4.25	---	8.2	7.8	---	8.0
EASTERN OHIO-WESTERN PA. 14/	6.50	6.21	5.91	5.74	4.25	---	8.2	7.8	---	8.1
COLUMBUS	6.28	6.16	5.94	5.87	4.25	---	8.2	7.8	---	8.1
MIAMI VALLEY 15/	6.28	6.16	5.81	5.81	4.25	---	8.2	7.8	---	8.0
CINCINNATI	6.34	6.22	5.86	5.81	4.25	---	8.2	7.8	---	8.0
AVERAGE 3/	6.35	6.09	5.80	5.63	---	---	8.0	---	---	7.8
WESTERN GROUP										
MICHIGAN UPPER PENINSULA 16/	5.98	5.68	17/ 5.61	17/ 5.28	4.67	---	8.6	7.8	---	8.4
CHICAGO REGIONAL 18/	5.83	5.53	5.31	5.02	4.67	---	8.2	8.1	---	8.1
LSVILLE-LXGTON-EVNSVILLE	6.12	5.92	5.80	5.57	4.67	---	8.2	8.1	---	8.2
INDIANA 19/	6.10	5.80	5.58	5.43	4.25	---	8.2	7.6	---	7.9
SOUTHERN ILLINOIS 20/	6.16	5.86	5.75	5.45	4.67	---	8.2	7.8	---	8.0
CENTRAL ILLINOIS 21/	6.02	5.72	5.47	5.17	4.67	---	8.2	7.8	---	8.0
AVERAGE 3/	5.95	5.66	5.44	5.17	---	---	8.2	---	---	8.1
WEST NORTH CENTRAL										
NORTHERN GROUP										
DULUTH - SUPERIOR	5.73	5.43	4.85	4.74	4.00	---	8.9	8.1	---	8.4
MINNEAPOLIS - ST. PAUL	5.69	5.39	5.27	4.90	4.67	---	8.2	7.9	---	8.0
EASTERN SOUTH DAKOTA 22/	6.13	5.83	5.58	5.35	4.67	---	8.2	7.4	---	7.8
BLACK HILLS 23/	6.58	6.68	5.57	4.67	4.25	---	8.2	7.4	---	7.8
NORTH CENTRAL IOWA 24/	5.88	5.58	25/ 5.50	25/ 5.34	4.67	---	8.2	7.8	---	8.1
CEAR RAPIDS - IOWA CITY	5.93	5.63	5.46	5.20	4.67	---	8.2	7.4	---	7.8
QUAO CITIES - OUBUQUE 26/	5.93	5.63	5.47	5.13	4.67	---	8.6	7.8	---	8.2
DES MOINES	6.08	5.78	5.66	5.29	4.67	---	8.2	7.4	---	7.9
NEBRASKA - WESTERN IOWA 18/	6.23	5.93	5.77	5.47	4.82	4.67	8.6	7.8	7.8	8.3
MINNESOTA - NORTH DAKOTA 27/	5.93	5.39	5.09	4.71	4.67	---	8.2	7.8	---	7.9
S.E. MINN.-NORTHERN IOWA	5.69	---	5.25	---	4.67	---	8.2	7.9	---	8.0
AVERAGE 3/	6.05	5.72	5.47	5.17	---	---	8.4	---	---	8.1

CONTINUED

TABLE 2.--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, JANUARY\*\* -CON.

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	JAN 1970	JAN 1969	JAN 1970	JAN 1969	JANUARY 1970		JANUARY 1970			
	DOLLARS									
WEST NORTH CENTRAL -CON.										
SOUTHERN GROUP										
ST LOUIS - OZARKS 28/	6.23	5.93	5.82	5.45	4.67	---	8.2	7.8	---	8.0
KANSAS CITY 29/	6.37	6.07	5.76	5.50	4.67	4.25	8.2	7.8	7.8	7.2
NEOSHO VALLEY 30/	6.28	5.98	5.85	5.40	4.67	---	8.6	7.8	---	8.1
WICHITA 18/	6.43	6.13	6.01	5.65	4.40	4.25	8.2	7.8	7.8	8.1
AVERAGE 3/	6.30	6.01	5.82	5.50	---	---	8.2	---	---	7.7
EAST SOUTH CENTRAL										
PAOUCAH	6.48	6.18	6.61	6.52	4.67	---	8.2	7.8	---	7.5
NASHVILLE	6.21	5.91	5.84	5.60	4.67	---	8.2	7.8	---	8.2
MEMPHIS	6.57	6.27	25/ 6.33	25/ 6.10	4.67	---	8.2	7.8	---	7.5
KNOXVILLE	6.11	6.03	5.70	5.61	4.67	---	8.2	7.8	---	8.0
CHATTANOOGA	6.78	6.72	6.29	6.16	4.67	---	8.2	7.8	---	8.0
MISSISSIPPI 31/	7.10	6.80	6.40	6.13	3.96	---	8.2	7.4	---	7.9
GEORGIA 32/	6.93	---	6.61	---	4.67	---	8.2	7.8	---	8.1
AVERAGE 3/	6.59	6.32	6.17	5.94	---	---	8.2	---	---	7.9
WEST SOUTH CENTRAL										
NORTHERN GROUP										
CENTRAL ARKANSAS 33/	6.57	6.27	6.30	6.07	4.67	---	8.2	7.8	---	8.1
FORT SMITH	6.58	6.28	25/ 6.44	25/ 6.06	4.67	---	8.6	7.8	---	8.1
OKLAHOMA METROPOLITAN 34/	6.61	6.31	6.20	5.80	4.53	---	8.6	7.8	---	8.1
RED RIVER VALLEY 35/	6.83	6.53	6.22	5.81	4.53	---	8.6	7.8	---	8.3
TEXAS PANHANDLE 36/	6.88	6.58	6.29	6.10	4.16	---	8.2	7.4	---	8.0
LUBBOCK - PLAINVIEW	7.05	6.75	6.71	6.47	4.14	---	8.6	7.8	---	8.4
AVERAGE 3/	6.68	6.38	6.27	5.93	---	---	8.5	---	---	8.1
SOUTHERN GROUP										
NORTHERN LOUISIANA 37/	7.10	6.80	6.81	6.60	4.25	---	8.2	7.4	---	8.0
NEW ORLEANS	7.48	7.18	6.31	5.97	3.96	---	8.2	7.4	---	7.9
NORTH TEXAS 38/	6.95	6.65	6.41	6.12	4.30	---	8.6	7.8	---	8.3
CENTRAL WEST TEXAS 39/	7.20	6.90	6.91	6.56	4.14	---	8.6	7.8	---	8.1
AUSTIN - WACC 40/	7.33	7.03	25/ 7.05	25/ 6.75	4.32	---	8.2	7.4	---	7.4
SAN ANTONIO	7.37	7.07	6.69	6.27	41/ 4.32	---	8.6	7.3	---	7.4
CORPUS CHRISTI 42/	7.70	7.40	7.39	25/ 7.10	4.41	4.16	8.2	7.4	7.4	8.0
SOUTH TEXAS 43/	7.31	7.01	6.90	6.78	4.25	---	8.6	7.8	---	8.4
AVERAGE 3/	7.21	6.92	6.63	6.36	---	---	8.5	---	---	8.1
MOUNTAIN										
EASTERN COLORADO 44/	6.85	6.57	6.41	6.01	4.82	4.67	8.9	8.1	8.1	8.6
GREAT BASIN 45/	6.88	6.58	5.89	5.62	4.21	4.06	9.2	7.8	7.8	8.5
WESTERN COLORADO 46/	6.80	6.52	6.28	5.77	4.72	4.25	8.9	8.1	8.1	8.7
CENTRAL ARIZONA 47/	7.15	6.83	6.56	6.20	4.40	4.15	9.2	7.8	7.8	8.8
RIO GRANDE VALLEY 48/	6.98	6.68	6.28	6.07	49/ 4.14	---	8.6	7.8	---	8.4
AVERAGE 3/	6.96	6.66	6.32	5.98	---	---	9.0	---	---	8.6
PACIFIC										
PUGET SOUND 50/	6.48	6.18	5.54	5.40	4.50	4.25	8.6	8.1	8.1	8.3
INLAND EMPIRE 51/	6.58	6.15	5.88	5.51	4.34	4.09	8.4	7.8	7.8	8.1
OREGON-WASHINGTON 52/	6.58	---	5.97	---	4.50	4.25	8.2	7.8	7.8	8.0
AVERAGE 3/	6.50	6.17	5.59	5.42	---	---	8.6	---	---	8.3
64-MARKET AVERAGE 3/	6.74	6.44	6.01	5.79	---	---	8.2	---	---	8.0
ALL-MARKET AVERAGE	6.71	6.42	5.99	5.77	---	---	8.2	---	---	8.0

\* Major city in the marketing area. \*\* All averages are weighted.

1/ Boston nearby plant price. 201-210 mile zone: January 1970, \$7.21 and January 1969, \$6.91--Blend price, January 1970, \$6.20 and January 1969, \$5.88. 2/ January 1970, blend price includes approximately 43.5 cents per hundredweight to nearby and intermediate producers. 3/ Markets under regulation on January 1, 1969, and which have had no significant marketing area expansions. Excludes Minneapolis-St. Paul, Southeastern Minnesota-Northern Iowa, Georgia, and Oregon-Washington. 4/ New York metropolitan area price. 201-210 mile zone: January 1970, \$7.03 and January 1969, \$6.73--Blend price, January 1970, \$5.83 and January 1969, \$5.70. Metropolitan prices exclude a 5-cent direct delivery differential. 5/ Philadelphia. 6/ Baltimore. Blend price does not include non-complying handlers. 7/ Charleston-Huntington, West Virginia. 8/ Bristol, Tennessee. 9/ Miami. Class IV price \$3.10. 10/ Jacksonville and Tallahassee. 11/ Traverse City. 12/ Detroit. Prices exclude an 8-cent direct delivery differential. 13/ Toledo. 14/ Cleveland-Erie District. Class I and blend price for Pittsburgh district plus 10 cents. 15/ Dayton. Class II price, plus 20 cents for skim milk used to produce cottage cheese. 16/ Zone II (Marquette). 17/ Weighted average of all handlers' blend prices at all locations. 18/ Zone I. 19/ Indianapolis. 20/ Base zone. 21/ Peoria. 22/ Sioux Falls. 23/ Rapid City, South Dakota. 24/ Zone I (Waterloo). 25/ Weighted average of all handlers' blend prices. 26/ Rock Island, Illinois. 27/ Base zone (Fargo). 28/ Zone I (St. Louis). 29/ Kansas City and Topeka. 30/ Pittsburg, Kansas. 31/ Gulfport. Class I and blend price at Jackson and Greenville 16 cents less. 32/ Atlanta. 33/ Little Rock. 34/ Oklahoma City. 35/ Wichita Falls, Texas. 36/ Amarillo. 37/ Monroe and Shreveport. 38/ Zone I (Dallas). 39/ Abilene. Class II-A (Cheddar cheese) \$4.30. 40/ Zone I-New Braunfels, Texas. 41/ Class II-A (Cheddar cheese) \$4.32. 42/Mercedes. 43/ Houston. 44/ Denver. 45/ Salt Lake City, Utah. 46/ Grand Junction. 47/ Phoenix. 48/ Albuquerque, Santa Fe, and El Paso. 49/ \$1.41 credit on Class II skim milk dumped or disposed of as livestock feed; \$1.01 credit on skim milk used to produce condensed skim milk and on milk or skim milk transferred or diverted as Class II milk to a nonpool plant outside the marketing area. 50/ District I (Seattle). 51/ Spokane, Washington. 52/ Portland.

TABLE 3.--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, JANUARY

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	JAN 1970	CHANGE FROM JAN 1969	JAN 1970	JAN 1969	CHANGE FROM JAN 1969	JAN 1970	JAN 1969	JAN 1970	JAN 1969
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
NEW ENGLAND									
MASSACHUSETTS-RI-NH	8,140	433-	289,139	278,861	3.7	3.82	3.78	1,146	1,049
CONNECTICUT	1,817	92-	99,569	100,694	1.1-	3.75	3.73	1,768	1,702
AVERAGE OR TOTAL 1/	9,957	525-	388,708	379,555	2.4	3.80	3.77	1,259	1,168
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	27,966	1,038-	855,988	835,860	2.4	3.66	3.63	987	930
DELAWARE VALLEY	5,226	20	210,960	197,580	6.8	3.80	3.80	1,302	1,224
AVERAGE OR TOTAL 1/	33,192	1,018-	1,066,948	1,033,440	3.2	3.69	3.66	1,037	974
SOUTH ATLANTIC									
UPPER CHESAPEAKE BAY	2,015	59	82,213	75,499	8.9	3.90	3.87	1,316	1,245
WASHINGTON, D.C.	1,674	180-	90,690	92,796	2.3-	3.91	3.90	1,748	1,615
TRI-STATE	1,563	70	38,676	35,248	9.7	3.89	3.88	798	762
APPALACHIAN	744	6	31,009	28,995	6.9	3.92	3.84	1,344	1,267
TAMPA BAY	120	9-	32,250	33,429	3.5-	3.71	3.92	8,669	8,359
SOUTHEASTERN FLORIDA	91	3	52,255	49,123	6.4	3.74	3.91	18,524	18,007
UPPER FLORIDA	184	5-	37,796	42,591	11.2-	3.75	3.90	6,626	7,269
AVERAGE OR TOTAL 1/	6,391	56-	364,889	357,681	2.0	3.85	3.89	1,842	1,790
EAST NORTH CENTRAL									
EASTERN GROUP									
UPSTATE MICHIGAN	38	1-	1,134	1,138	.4-	3.73	3.72	963	941
SOUTHERN MICHIGAN	8,846	478-	308,485	296,512	4.0	3.78	3.74	1,125	1,026
NORTHWESTERN OHIO	1,242	200-	40,142	43,746	8.2-	3.93	3.91	1,043	979
EASTERN OHIO-WESTERN PA.	9,915	334-	273,916	264,342	3.6	3.85	3.83	891	832
COLUMBUS	1,488	112-	46,479	45,288	2.6	3.94	3.95	1,008	913
MIAMI VALLEY	1,360	2	42,497	39,371	7.9	3.99	3.97	1,008	935
CINCINNATI	2,635	7	61,380	56,521	8.6	3.87	3.86	751	694
AVERAGE OR TOTAL 1/	25,524	1,116-	774,033	746,918	3.6	3.84	3.82	978	904
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	355	31-	8,926	8,603	3.8	3.69	3.72	811	719
CHICAGO REGIONAL	16,726	436	617,135	580,194	6.4	3.75	3.75	1,190	1,149
LSVILLE-LXGTON-EVNSVILLE	2,958	79-	86,428	83,024	4.1	3.93	3.92	943	882
INDIANA	4,992	267	157,860	135,600	16.4	3.91	3.94	1,020	926
SOUTHERN ILLINOIS	2,308	124-	68,124	70,297	3.1-	3.85	3.82	952	932
CENTRAL ILLINOIS	683	39-	21,468	21,915	2.0-	3.90	3.92	1,014	979
AVERAGE OR TOTAL 1/	28,022	430	959,941	899,633	6.7	3.80	3.80	1,105	1,052
WEST NORTH CENTRAL									
NORTHERN GROUP									
DULUTH - SUPERIOR	659	18-	15,751	14,628	7.7	3.79	3.82	771	697
MINNEAPOLIS - ST. PAUL	4,599	398	168,066	138,675	21.2	3.78	3.80	1,179	1,065
EASTERN SOUTH DAKOTA	393	10	15,213	14,469	5.1	3.76	3.76	1,249	1,219
BLACK HILLS	66	29-	3,536	4,895	27.8-	3.85	3.90	1,728	1,667
NORTH CENTRAL IOWA	622	211-	19,837	23,920	17.1-	3.85	3.81	1,234	1,211
CEDAR RAPIDS - IOWA CITY	394	36	11,612	11,198	3.7	3.83	3.92	1,029	1,056
QUAD CITIES - DUBUQUE	991	57-	33,623	35,273	4.7-	3.83	3.86	1,098	1,111
DES MOINES	1,254	78	39,024	36,681	6.4	3.98	3.96	1,083	1,071
NEBRASKA - WESTERN IOWA	1,768	32	68,067	66,634	2.2	3.86	3.88	1,242	1,238
MINNESOTA - NORTH DAKOTA	1,606	147	56,109	46,577	20.5	3.59	3.65	1,127	1,030
S.E. MINN.-NORTHERN IOWA	786	---	33,134	---	---	3.72	---	1,360	---
AVERAGE OR TOTAL 1/	7,753	12-	262,772	254,275	3.3	3.80	3.83	1,093	1,056

CONTINUED

TABLE 3--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, JANUARY -CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	JAN 1970	CHANGE FROM JAN 1969	JAN 1970	JAN 1969	CHANGE FROM JAN 1969	JAN 1970	JAN 1969	JAN 1970	JAN 1969
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	3,509	261	118,554	106,582	11.2	3.92	3.93	1,090	1,059
KANSAS CITY	2,134	95-	85,556	89,241	4.1-	3.90	3.90	1,293	1,291
NEOSHO VALLEY	270	57-	7,970	9,052	12.0-	3.86	3.86	1,082	1,174
WICHITA	818	40-	32,930	35,575	7.4-	3.87	3.90	1,337	1,296
AVERAGE OR TOTAL 1/	6,731	69	245,010	240,450	1.9	3.90	3.91	1,174	1,164
EAST SOUTH CENTRAL									
PAOUCAH	356	24	11,032	10,198	8.2	4.20	4.29	1,000	991
NASHVILLE	1,143	25-	41,417	40,039	3.4	4.00	4.00	1,169	1,107
MEMPHIS	765	60	28,011	27,794	.8	3.98	3.88	1,632	1,549
KNOXVILLE	513	183-	17,781	24,535	27.5-	3.89	3.91	1,118	1,137
CHATTANOOGA	768	149	31,325	22,758	37.6	4.12	4.16	1,316	1,186
MISSISSIPPI	1,037	24	41,510	38,479	7.9	4.06	4.11	1,291	1,225
GEORGIA	1,532	---	103,787	---	---	3.92	---	2,185	---
AVERAGE OR TOTAL 1/	4,582	49	171,076	163,803	4.4	4.03	4.03	1,204	1,166
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS	734	52-	21,179	24,559	13.8-	3.84	3.79	1,387	1,225
FORT SMITH	173	7	3,761	3,829	1.8-	3.98	3.86	1,387	1,328
OKLAHOMA METROPOLITAN	1,482	19-	53,749	56,614	5.1-	3.83	3.77	1,170	1,217
RED RIVER VALLEY	376	34	16,088	14,474	11.2	3.80	3.69	1,380	1,365
TEXAS PANHANDLE	261	43-	10,049	10,412	3.5-	3.73	3.70	1,300	1,105
LUBBOCK - PLAINVIEW	243	16-	6,473	6,939	6.7-	3.76	3.74	1,706	1,286
AVERAGE OR TOTAL 1/	3,269	89-	111,299	116,827	4.7-	3.82	3.76	1,098	1,122
SOUTHERN GROUP									
NORTHERN LOUISIANA	279	44-	18,099	17,651	2.5	3.99	4.05	2,093	1,763
NEW ORLEANS	1,243	39-	51,109	49,078	4.1	3.90	3.92	1,326	1,235
NORTH TEXAS	2,168	32	108,053	97,441	10.9	3.80	3.74	1,608	1,472
CENTRAL WEST TEXAS	300	57-	14,813	15,103	1.9-	3.73	3.72	1,593	1,365
AUSTIN - WACO	310	16	12,455	12,620	1.3-	3.69	3.64	1,967	1,795
SAN ANTONIO	438	95	25,707	25,541	.6	3.64	3.62	2,755	2,402
CORPUS CHRISTI	211	26	12,938	13,524	4.3-	4.18	4.07	2,458	2,329
SOUTH TEXAS	1,255	611-	56,728	55,811	1.6	3.86	3.86	1,603	1,623
AVERAGE OR TOTAL 1/	6,204	582-	299,902	286,769	4.6	3.83	3.81	1,559	1,363
MOUNTAIN									
EASTERN COLORADO	1,342	60	57,983	58,506	.9-	3.74	3.77	1,394	1,472
GREAT BASIN	921	15	37,537	36,650	2.4	3.86	3.82	1,315	1,305
WESTERN COLORADO	64	15-	2,979	3,274	9.0-	3.95	3.95	1,502	1,337
CENTRAL ARIZONA	178	4-	47,906	46,723	2.5	3.72	3.72	8,682	8,129
RIO GRANDE VALLEY	368	18	28,625	27,317	4.8	3.75	3.70	3,904	4,249
AVERAGE OR TOTAL 1/	2,873	74	175,030	172,470	1.5	3.76	3.76	1,965	1,988
PACIFIC									
PUGET SOUND	1,815	40-	107,254	98,799	8.6	3.94	4.01	1,906	1,718
INLAND EMPIRE	427	16-	17,758	16,980	4.6	4.02	4.06	1,342	1,236
OREGON-WASHINGTON	1,195	---	80,076	---	---	4.09	---	2,162	---
AVERAGE OR TOTAL 1/	2,242	56-	125,012	115,779	8.0	3.95	4.02	1,799	1,625
64-MARKET AVG. OR TOTAL 1/	136,740	2,832-	4,944,620	4,767,600	3.7	3.80	3.80	1,166	1,102
ALL-MARKET AVG. OR TOTAL	144,852	1,079	5,329,683	4,906,275	8.6	3.81	3.80	1,187	1,101

1/ Markets under regulation on January 1, 1969, and which have had no significant marketing area expansions. Excludes Minneapolis-St. Paul, Southeastern Minnesota-Northern Iowa, Georgia, and Oregon-Washington.

TABLE 4.--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, JANUARY

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I*		DELIVERIES AS % OF GR. CL. I	
	JAN 1970	JAN 1969	CHANGE FROM JAN 1969	JAN 1970	JAN 1969	JAN 1970	CHANGE FROM JAN 1969	JAN 1970	JAN 1969
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
NEW ENGLAND									
MASSACHUSETTS-RI-NH	191,080	185,275	3.1	66	66	196,364	3.2	147	146
CONNECTICUT	77,108	81,323	5.2-	77	81	80,755	3.0-	123	121
AVERAGE OR TOTAL 1/	268,188	266,598	.6	69	70	---	---	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	483,695	493,449	2.0-	56	59	483,725	2.0-	177	169
DELAWARE VALLEY	141,188	142,192	.7-	67	72	150,560	1.4-	140	129
AVERAGE OR TOTAL 1/	624,883	635,641	1.7-	58	62	---	---	---	---
SOUTH ATLANTIC									
UPPER CHESAPEAKE BAY	57,386	52,163	10.0	70	69	57,438	10.1	143	145
WASHINGTON, D.C.	63,608	69,941	9.0-	70	75	64,452	8.2-	141	132
TRI-STATE	32,891	30,680	7.2	85	87	33,644	8.4	115	114
APPALACHIAN	28,152	27,147	3.7	91	94	28,287	4.1	110	107
TAMPA BAY	28,243	28,485	.8-	88	85	28,885	2.0-	112	113
SOUTHEASTERN FLORIDA	47,819	44,129	8.4	92	90	50,290	10.9	104	108
UPPER FLORIDA	35,080	38,546	9.0-	93	90	37,717	8.2-	100	104
AVERAGE OR TOTAL 1/	293,179	291,091	.7	80	81	---	---	---	---
EAST NORTH CENTRAL									
EASTERN GROUP									
UPSTATE MICHIGAN	836	892	6.3-	74	78	3,152	1.4	36	36
SOUTHERN MICHIGAN	219,041	213,872	2.4	71	72	220,736	2.5	140	138
NORTHWESTERN OHIO	29,873	32,593	8.2-	74	74	30,136	8.4-	133	133
EASTERN OHIO-WESTERN PA.	203,762	204,999	.6-	74	78	205,835	.6-	133	128
COLUMBUS	39,107	38,983	.3	84	86	39,607	.5-	117	114
MIAMI VALLEY	32,754	32,784	.1-	77	83	34,703	1.0-	122	112
CINCINNATI	47,511	45,429	4.6	77	80	54,874	4.1	112	107
AVERAGE OR TOTAL 1/	572,884	569,552	.6	74	76	---	---	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	6,842	6,504	5.2	77	76	6,849	.9	130	127
CHICAGO REGIONAL	315,321	328,843	4.1-	51	57	316,625	4.1-	195	176
LSVILLE-LXGTON-EVNSVILLE	67,849	66,158	2.6	78	80	68,359	3.0	126	125
INDIANA	114,873	107,508	6.8	73	79	116,889	1.2	135	117
SOUTHERN ILLINOIS	46,910	51,203	8.4-	69	73	50,580	7.8-	135	128
CENTRAL ILLINOIS	13,518	13,919	2.9-	63	64	16,221	1.1-	132	134
AVERAGE OR TOTAL 1/	565,313	574,135	1.5-	59	64	---	---	---	---
WEST NORTH CENTRAL									
NORTHERN GROUP									
DULUTH - SUPERIOR	7,929	8,089	2.0-	50	55	8,140	1.1-	194	178
MINNEAPOLIS - ST. PAUL	80,487	70,428	14.3	48	51	81,177	15.2	207	197
EASTERN SOUTH DAKOTA	9,938	10,360	4.1-	65	72	9,959	4.3-	153	139
BLACK HILLS	2,068	1,421	45.5	58	25	2,125	49.5	166	344
NORTH CENTRAL IOWA	14,682	20,787	29.4-	74	87	15,456	26.0-	128	114
CEGAR RAPIDS - IOWA CITY	7,777	8,130	4.3-	67	73	7,786	4.2-	149	138
QUAO CITIES - OUBUQUE	22,103	23,206	4.8-	66	66	22,204	4.7-	151	151
DES MOINES	28,073	25,548	9.9	72	70	30,251	7.8	129	131
NEBRASKA - WESTERN IOWA	48,843	49,164	.6-	72	74	50,098	1.8	136	135
MINNESOTA - NORTH DAKOTA	17,882	18,328	2.4-	32	39	19,104	3.0-	294	236
S.E. MINN.-NORTHERN IOWA	18,700	---	---	56	---	20,575	---	161	---
AVERAGE OR TOTAL 1/	159,295	165,033	3.5-	61	65	---	---	---	---

CONTINUED

TABLE 4.--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, JANUARY -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I		% USED IN CL. I			GROSS CLASS I*		DELIVERIES AS % OF GR. CL. I	
	JAN 1970	JAN 1969	CHANGE FROM JAN 1969	JAN 1970	JAN 1969	JAN 1970	CHANGE FROM JAN 1969	JAN 1970	JAN 1969
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	91,086	79,471	14.6	77	74	93,568	12.1	127	128
KANSAS CITY	58,637	60,382	2.9-	68	68	60,150	1.6-	142	146
NEOSHO VALLEY	6,008	6,208	3.2-	75	68	7,112	.3-	112	127
WICHITA	26,805	27,132	1.2-	81	76	27,871	1.2-	118	126
AVERAGE OR TOTAL 1/	182,536	173,193	5.4	74	72	---	---	---	---
EAST SOUTH CENTRAL									
PAOUCAH	8,844	8,669	2.0	80	85	9,307	4.4	118	114
NASHVILLE	32,540	33,506	2.9-	78	84	33,929	1.1	122	119
MEMPHIS	23,827	25,006	4.7-	85	90	25,292	2.8-	111	107
KNOXVILLE	12,923	19,012	32.0-	73	77	13,132	32.7-	135	126
CHATTANOOGA	24,161	17,906	34.9	77	79	24,569	5.1	127	97
MISSISSIPPI	31,523	29,458	7.0	76	76	33,463	5.8	124	122
GEORGIA	89,523	---	---	86	---	100,617	---	103	---
AVERAGE OR TOTAL 1/	133,818	133,557	.2	78	82	---	---	---	---
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS	18,274	21,982	16.5-	86	90	21,703	7.3-	98	105
FORT SMITH	3,516	3,441	2.2	93	90	3,521	2.2	107	111
OKLAHOMA METROPOLITAN	43,772	43,818	.1-	81	77	44,831	.4-	120	126
RED RIVER VALLEY	11,867	10,044	18.2	74	69	12,852	21.1	125	136
TEXAS PANHANDLE	7,967	8,514	6.4-	79	82	8,034	5.8-	125	122
LUBBOCK - PLAINVIEW	5,761	6,292	8.4-	89	91	6,211	1.4-	104	110
AVERAGE OR TOTAL 1/	91,157	94,091	3.1-	82	80	---	---	---	---
SOUTHERN GROUP									
NORTHERN LOUISIANA	16,333	16,352	.1-	90	93	17,273	.4-	105	102
NEW ORLEANS	33,891	31,240	8.5	66	64	34,100	8.7	150	156
NORTH TEXAS	87,514	79,092	10.6	81	81	88,283	7.5	122	119
CENTRAL WEST TEXAS	13,398	13,343	.4	90	88	13,584	1.1	109	112
AUSTIN - WACO	11,337	11,460	1.1-	91	91	12,001	2.4-	104	103
SAN ANTONIO	20,064	19,356	3.6	78	76	27,224	1.4	94	95
CORPUS CHRISTI	11,854	12,436	4.7-	92	92	13,033	2.9	99	107
SOUTH TEXAS	48,365	50,163	3.6-	85	90	58,186	.2-	97	96
AVERAGE OR TOTAL 1/	242,756	233,442	4.0	81	81	---	---	---	---
MOUNTAIN									
EASTERN COLORADO	45,972	44,288	3.8	79	76	48,544	3.5	119	125
GREAT BASIN	24,386	23,697	2.9	65	65	24,394	2.9	154	154
WESTERN COLORADO	2,347	2,245	4.5	79	68	2,413	5.6	123	143
CENTRAL ARIZONA	39,574	37,703	5.0	83	81	39,902	5.8	120	124
RIO GRANDE VALLEY	22,446	21,785	3.0	78	80	24,341	1.3	118	114
AVERAGE OR TOTAL 1/	134,725	129,718	3.8	77	75	---	---	---	---
PACIFIC									
PUGET SOUND	59,748	58,300	2.5	56	59	59,891	2.6	179	169
INLAND EMPIRE	12,587	11,959	5.2	71	70	12,607	5.3	141	142
OREGON-WASHINGTON	58,786	---	---	73	---	58,786	---	136	---
AVERAGE OR TOTAL 1/	72,335	70,259	3.0	58	61	---	---	---	---
64-MARKET AVG. OR TOTAL 1/	3,341,069	3,336,310	.1	68	70	2/3,443,127	+1	144	139
ALL-MARKET AVG. OR TOTAL	3,588,565	3,406,738	5.3	67	69	2/3,704,282	+5.5	144	140

\* Preliminary.

1/ Markets under regulation on January 1, 1969, and which have had no significant marketing area expansions. Excludes Minneapolis-St. Paul, Southeastern Minnesota-Northern Iowa, Georgia, and Oregon-Washington.

2/ May include some duplication due to intermarket transfer.

Table 5.--Federal milk order Class I formula price information, January 1970

Marketing area	Basic price 1/	Fluid diff.	Supply- demand	Other 2/	Class I price
Dollars per 100 pounds					
Massachusetts-R.I.-N.H.	3/7.31	---	---	+0.30	7.61
Connecticut	3/7.31	---	---	+ .30	7.61
New York-New Jersey	3/6.97	---	---	+ .30	7.27
Delaware Valley	3/7.17	---	---	+ .30	7.47
Upper Chesapeake Bay	Uses the Delaware Valley Class I price less 10¢				7.37
Washington, D. C.	Uses the Delaware Valley Class I price less 10¢				7.37
Tri-State	4.63	1.75	---	---	6.38
Appalachian	4.63	2.13	---	---	6.76
Tampa Bay	4.63	2.90	---	---	7.53
Southeastern Florida	4.63	3.10	---	---	7.73
Upper Florida	4.63	2.80	---	---	7.43
Upstate Michigan	4.63	1.49	---	---	6.12
Southern Michigan	4.63	1.60	---	---	6.23
Northwestern Ohio	4.63	1.70	---	---	6.33
Eastern Ohio-Western Pa.	4.63	1.87	---	---	6.50
Columbus	4.63	1.45	+0.20	---	6.28
Miami Valley	4.63	1.44	+ .21	---	6.28
Cincinnati	4.63	1.50	+ .21	---	6.34
Mich. Upper Peninsula	4.63	1.35	---	---	5.98
Chicago Regional	4.63	1.20	---	---	5.83
Louisville-Lex.-Evans.	4.63	1.49	---	---	6.12
Indiana	4.63	1.47	---	---	6.10
Southern Illinois	Uses the St. Louis-Ozarks Class I price less 7¢				6.16
Central Illinois	4.63	1.39	---	---	6.02
Duluth-Superior	4.63	1.10	---	---	5.73
Minneapolis-St. Paul	4.63	1.06	---	---	5.69
Eastern South Dakota	4.63	1.50	---	---	6.13
Black Hills	4.63	1.95	---	---	6.58
North Central Iowa	4.63	1.25	---	---	5.88
Cedar Rapids-Iowa City	4.63	1.30	---	---	5.93
Quad Cities-Dubuque	4.63	1.30	---	---	5.93
Des Moines	4.63	1.45	---	---	6.08
Nebraska-Western Iowa	4.63	1.60	---	---	6.23
Minnesota-North Dakota	4.63	1.30	---	---	5.93
S.E. Minn.-Northern Iowa	4.63	1.06	---	---	5.69

Continued

Table 5.--Federal milk order Class I formula price information, January 1970 -Con.

Marketing area	Basic price 1/	Fluid diff.	Supply- demand	Other 2/	Class I price
Dollars per 100 pounds					
St. Louis-Ozarks	4.63	1.60	---	---	6.23
Kansas City	4.63	1.74	---	---	6.37
Neosho Valley	4.63	1.54	---	+0.11	6.28
Wichita	4.63	1.80	---	---	6.43
Paducah	:Uses the St. Louis-Ozarks Class I price plus 25¢				6.48
Nashville	4.63	1.58	0	---	6.21
Memphis	4.63	1.94	*	---	6.57
Knoxville	4.63	1.70	-0.22	---	6.11
Chattanooga	4.63	2.15	---	---	6.78
Mississippi	4.63	2.47	---	---	7.10
Georgia	4.63	2.30	---	---	6.93
Central Arkansas	4.63	1.94	*	---	6.57
Fort Smith	4.63	1.95	*	---	6.58
Oklahoma Metropolitan	4.63	1.98	---	---	6.61
Red River Valley	:Uses the Okla. Metrop. Class I price plus 22¢				6.83
Texas Panhandle	4.63	2.25	---	---	6.88
Lubbock-Plainview	:Uses the North Texas Class I price plus 10¢				7.05
Northern Louisiana	4.63	2.47	---	---	7.10
New Orleans	4.63	2.85	---	---	7.48
North Texas	4.63	2.32	---	---	6.95
Central West Texas	:Uses the North Texas Class I price plus 25¢				7.20
Austin-Waco	:Uses the North Texas Class I price plus 38¢				7.33
San Antonio	:Uses the North Texas Class I price plus 42¢				7.37
Corpus Christi	:Uses the North Texas Class I price plus 75¢				7.70
South Texas	4.63	2.68	---	---	7.31
Eastern Colorado	4.63	2.30	- .08	---	6.85
Great Basin	4.63	2.25	---	---	6.88
Western Colorado	:Uses the Eastern Colorado Class I price less 5¢				6.80
Central Arizona	4.63	2.52	*	---	7.15
Rio Grande Valley	4.63	2.35	---	---	6.98
Puget Sound	4.63	1.85	---	---	6.48
Inland Empire	4.63	1.95	---	---	6.58
Oregon-Washington	4.63	1.95	---	---	6.58

\* Suspended.

1/ All markets based on Minnesota-Wisconsin price except where indicated.

2/ Other adjustments due to relation to other markets or amount by which Minnesota-Wisconsin price at 3.5% butterfat exceeds \$4.33.

3/ As specified in order.

TABLE 6. WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1969 WITH COMPARISONS

MARKETING AREA	WHOLE MILK 1/				SKIM MILK ITEMS 2/				MILK AND CREAM MIXTURES			
	DECEMBER 1969		CHANGE 1969 FROM 1968		DECEMBER 1969		CHANGE 1969 FROM 1968		DECEMBER 1969		CHANGE 1969 FROM 1968	
	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TO DATE*	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TO DATE*	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TO DATE*
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
NEW ENGLAND												
MASSACHUSETTS-RI-NH	5,374	3.54	1.6 -	3.1	596.7	1.13	31.2	24.6	22.7	11.5	- 0.7 -	0.1
CONNECTICUT	2,231	3.48	.7 -	3.6	285.4	1.29	39.6	31.5	26.0	10.5	11.3 -	2.0
MIDDLE ATLANTIC												
DELAWARE VALLEY	3,211	3.40	- 1.1 -	5.8	359.5	1.15	12.6	14.2	31.6	11.0	- 6.5 -	9.1
SOUTH ATLANTIC												
UPPER CHESAPEAKE BAY	1,365	3.55	5.5	.3	137.9	1.16	13.9	7.4	16.7	11.7	5.5 -	6.8
WASHINGTON, D.C.	1,802	3.58	6.5 -	1.9	266.6	1.31	15.1	15.0	32.5	12.2	- .8 -	7.1
TRI-STATE	956	3.51	7.6	3.6	129.0	1.44	25.1	14.8	5.7	11.7	- 7.0 -	6.1
APPALACHIAN	328	3.55	4.9	1.9	54.9	.93	16.3	13.6	1.1	12.3	4.7 -	2.3
TAMPA BAY	961	3.57	7.3	3.4	162.3	1.05	10.5	10.0	13.3	11.1	.9 -	3.5
SOUTHEASTERN FLORIDA	1,425	3.66	9.5	4.5	244.2	1.07	11.7	16.4	33.7	10.9	3.1 -	3.8
UPPER FLORIDA	1,160	3.51	3.6	.3	158.5	1.05	9.9	9.4	6.5	11.2	- 11.0 -	12.7
EAST NORTH CENTRAL												
EASTERN GROUP												
SOUTHERN MICHIGAN	5,261	3.51	- 2.3 -	5.3	1,187.9	1.45	32.6	29.0	103.6	10.6	.1 -	7.1
NORTHWESTERN CHIO	968	3.52	4.4 -	6.9	295.3	1.63	42.3	32.9	13.5	11.0	2.0 -	11.9
E. OHIO - W. PA. 3/	5,501	3.52	.7	2.0	976.7	1.57	14.8	10.4	72.4	10.6	- 2.3 -	3.6
COLUMBUS	891	3.50	4.1 -	1.4	148.9	1.45	16.9	14.9	10.0	10.8	- 3.3 -	8.3
MIAMI VALLEY	589	3.51	- 1.8 -	5.1	257.4	1.72	13.6	6.0	7.2	10.9	- 2.1 -	8.8
CINCINNATI	1,031	3.50	10.8	3.9	274.3	1.55	13.0	8.6	12.7	10.8	7.7 -	3.1
WESTERN GROUP												
MICH. UPPER PENINSULA	220	3.54	8.0 -	5.1	58.2	1.60	29.3	24.4	3.2	11.5	- 2.5 -	6.9
CHICAGO REGIONAL 4/	6,945	3.41	- 1.4 -	2.1	1,902.3	1.64	15.9	5.3	173.4	11.8	- 7.4 -	6.7
LOUIS.-LEX.-EVANS	1,403	3.42	- .1 -	3.8	371.3	1.64	19.9	15.5	15.0	11.5	- 6.0 -	8.3
INDIANA 5/	2,422	3.40	- 1.4 -	4.8	1,155.6	1.77	21.0	14.0	38.4	11.5	8.3 -	4.2
SOUTHERN ILLINOIS	1,109	3.20	- 1.0 -	1.9	472.6	1.79	15.6	16.3	21.9	11.4	- 4.4 -	6.6
CENTRAL ILLINOIS	341	3.28	- 9.4 -	5.4	149.9	1.73	9.3	12.0	8.0	11.2	- 5.9 -	8.1
WEST NORTH CENTRAL												
NORTHERN GROUP												
DOULUTH - SUPERIOR	128	3.34	- 5.2 -	6.8	64.6	1.51	21.0	16.9	2.3	11.8	0 -	5.0
MINNEAPOLIS - ST. PAUL 6/	973	3.28	- .1 -	4.2	768.1	1.58	19.4	17.4	22.7	10.5	- 1.7 -	5.1
EASTERN SOUTH OAKOTA	183	3.31	1.5 -	4.4	124.2	1.77	13.8	12.7	4.3	11.2	1.8 -	2.0
BLACK HILLS	55	3.36	- .6 -	4.9	29.0	1.81	18.4	19.4	1.1	12.1	3.0 -	3.1
NORTH CENTRAL IOWA	313	3.46	- 1.5 -	6.5	160.8	1.59	14.6	9.6	6.6	11.9	- 5.2 -	10.5
CEDAR RAPIDS-IOWA CITY	115	3.40	- 2.4 -	6.9	58.6	1.35	11.6	15.1	2.9	11.2	8.0 -	4.7
QUAD CITIES - DUBUQUE	380	3.39	- .8 -	2.8	144.5	1.49	10.9	10.8	7.6	11.9	- 7.4 -	8.3
DES MOINES	413	3.60	- .1 -	3.2	193.5	1.55	20.0	16.6	9.2	12.9	- 5.5 -	6.0
NEBRASKA-WESTERN IOWA 5/	1,044	3.34	- 2.8 -	1.3	393.3	1.57	15.2	11.4	23.1	11.2	- 6.9 -	9.5
MINNESOTA - N. DAKOTA	341	3.29	- 1.0 -	2.6	151.4	1.52	17.0	15.7	5.9	11.5	1.2 -	.1

CONTINUED

TABLE 6-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS  
DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1969 WITH COMPARISONS -CON.

MARKETING AREA	CREAM				TOTAL FLUID			
	DECEMBER 1969		CHANGE 1969 FROM 1968		DECEMBER 1969		CHANGE 1969 FROM 1968	
	DAILY AVERAGE	BUTTERFAT CONTENT	DECEMBER	YEAR TO DATE *	DAILY AVERAGE	BUTTERFAT CONTENT	DECEMBER	YEAR TO DATE *
	1,000 LB.		PERCENT		1,000 LB.		PERCENT	
NEW ENGLAND								
MASSACHUSETTS-RI-NH	156.6	21.4	2.6	- 6.1	6,236	3.89	4.1	- 1.1
CONNECTICUT	33.0	23.7	- 1.6	- 9.1	2,612	3.65	4.3	- .8
MIDDLE ATLANTIC								
DELAWARE VALLEY	20.8	23.1	- 26.2	- 8.0	3,669	3.36	.1	- 4.1
SOUTH ATLANTIC								
UPPER CHESAPEAKE BAY	4.1	23.9	- 4.6	- 9.2	1,559	3.53	5.5	.7
WASHINGTON, D.C.	18.5	23.0	- 17.0	- 9.7	2,164	3.69	6.1	- .3
TRI-STATE	1.0	19.7	- 10.9	- 2.8	1,095	3.36	8.7	4.7
APPALACHIAN	.7	22.9	- 2.9	- 15.5	390	3.26	6.5	3.4
TAMPA BAY	6.0	24.9	0	- 2.3	1,164	3.46	7.8	4.2
SOUTHEASTERN FLORIDA	17.7	23.4	1.4	- 3.4	1,741	3.71	8.2	5.7
UPPER FLORIDA	5.0	26.1	4.0	- 8.1	1,351	3.38	3.6	1.2
EAST NORTH CENTRAL								
EASTERN GROUP								
SOUTHERN MICHIGAN	70.3	21.4	14.3	- 2.9	6,686	3.47	2.7	- .9
NORTHWESTERN OHIO	5.7	23.6	- 3.7	- 12.3	1,290	3.27	11.0	- .5
E. OHIO - W. PA. 3/	58.3	19.4	7.8	- 5.8	6,666	3.48	2.7	3.0
COLUMBUS	4.3	20.9	- 11.2	- 7.1	1,063	3.37	5.6	.6
MIAMI VALLEY	3.5	23.5	- 8.0	- 9.3	869	3.13	2.2	- 2.2
CINCINNATI	5.7	23.3	13.2	8.1	1,346	3.31	11.1	4.8
WESTERN GROUP								
MICH. UPPER PENINSULA	1.3	26.7	1.9	- 4.7	285	3.36	11.7	- .7
CHICAGO REGIONAL 4/	83.3	21.4	- 1.7	- 5.9	9,252	3.40	1.6	- .8
LOUIS.-LEX.-EVANS	6.5	25.4	1.3	- 4.6	1,825	3.26	3.4	- .6
INDIANA 5/	25.5	19.9	19.8	23.6	3,681	3.10	5.3	.4
SOUTHERN ILLINOIS	9.3	24.1	- 5.3	- 7.2	1,622	3.03	3.4	2.6
CENTRAL ILLINOIS	5.1	16.0	47.5	7.5	507	3.09	- 4.5	- 1.0
WEST NORTH CENTRAL								
NORTHERN GROUP								
DULUTH - SUPERIOR	1.9	27.3	- 2.4	- 8.3	197	3.07	2.1	- .7
MINNEAPOLIS - ST. PAUL 6/	20.3	24.9	8.4	- .7	1,799	2.91	7.5	3.8
EASTERN SOUTH DAKOTA	2.2	26.5	.7	- 2.3	315	2.98	6.5	1.6
BLACK HILLS	.6	26.1	6.6	3.9	86	3.11	5.2	1.6
NORTH CENTRAL IOWA	2.4	25.3	- 7.0	- 16.7	486	3.09	3.3	- 2.0
CEDAR RAPIDS-IOWA CITY	.8	23.7	.2	- 27.7	179	2.99	2.2	- .8
QUAD CITIES - DUBUQUE	2.5	24.5	- 3.4	- 13.2	538	3.12	2.0	.3
DES MOINES	4.0	24.6	2.6	1.5	623	3.26	5.4	2.0
NEBRASKA-WESTERN IOWA 5/	9.0	23.2	7.6	- 8.1	1,477	3.14	1.4	1.5
MINNESOTA - N. DAKOTA	8.2	28.2	5.9	3.9	509	3.28	3.8	2.1

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TABLE 6-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, ~~DECEMBER 1969~~ WITH COMPARISONS -CON-5

MARKETING AREA	WHOLE MILK 1/				SKIM MILK ITEMS 2/				MILK AND CREAM MIXTURES			
	DECEMBER 1969		CHANGE 1969 FROM 1968		DECEMBER 1969		CHANGE 1969 FROM 1968		DECEMBER 1969		CHANGE 1969 FROM 1968	
	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TD DATE*	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TD DATE*	DAILY AVG	BUTTER-FAT CONTENT	DEC.	YEAR TD DATE*
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
WEST NORTH CENTRAL -CON.												
SOUTHERN GRDLP												
ST LOUIS - OZARKS 5/	1,334	3.32	- 5.6	- 5.5	551.1	1.79	11.3	11.6	18.7	12.0	- 7.4	- 9.4
KANSAS CITY	1,157	3.35	- .2	- 3.3	439.2	1.73	15.6	12.4	19.2	11.4	- 5.5	- 7.4
NEOSHO VALLEY	187	3.36	5.1	3.9	45.2	1.62	20.6	17.8	3.0	11.8	- 5.6	- 5.5
WICHITA	385	3.30	- 6.1	- 6.8	162.6	1.73	8.4	11.4	7.7	11.1	- 5.3	- 5.2
EAST SOUTH CENTRAL												
PADUCAH	197	3.43	1.5	.5	35.8	1.31	11.8	5.8	1.0	12.3	4.7	- 4.1
NASHVILLE	825	3.51	3.6	- 1.3	161.2	.92	11.8	8.8	4.1	12.5	- 5.0	- 4.7
MEMPHIS	520	3.53	3.0	.2	109.1	1.22	14.1	14.7	4.5	12.1	- 13.4	- 7.4
KNOXVILLE	404	3.70	- 5.0	- 4.8	151.1	1.35	34.2	36.2	1.6	12.3	- 7.4	- 4.5
CHATTANOOGA 7/	378	3.89	3.0	.3	135.0	1.34	12.4	13.6	1.4	12.2	- 3.0	- 5.8
MISSISSIPPI 6/	697	3.82	5.6	3.4	127.5	1.53	14.7	11.1	4.5	12.3	4.5	- 1.8
WEST SOUTH CENTRAL												
NORTHERN GRDLP												
CENTRAL ARKANSAS	452	3.62	6.9	1.0	87.9	1.56	8.7	8.6	3.7	11.8	2.6	- 5.9
OKLAHOMA METROPOLITAN	875	3.40	1.5	.2	149.6	1.69	16.5	16.8	8.8	11.5	- 3.5	- 5.8
RED RIVER VALLEY	306	3.40	6.6	.5	58.8	1.60	.7	- 5.7	2.1	10.8	- 3.7	- 13.5
TEXAS PANHANDLE	203	3.43	1.7	- 7.3	38.4	1.69	15.6	10.5	2.0	11.3	- 5.3	- 9.5
LU88DCK - PLAINVIEW	181	3.49	2.2	- 2.8	33.5	1.74	.9	3.8	1.5	11.2	- 5.1	- 10.5
SOUTHERN GRDLP												
NORTHERN LOUISIANA	321	3.83	1.8	.4	59.8	1.62	6.6	6.4	1.8	11.5	- 5.5	- 11.4
NEW ORLEANS	657	3.86	2.1	- 1.5	100.1	1.57	19.1	17.2	7.4	12.3	- 2.6	- 4.0
NORTH TEXAS 7/	1,633	3.39	6.0	4.1	478.0	1.42	2.8	- .2	19.0	11.2	- 2.6	- 9.7
CENTRAL WEST TEXAS	290	3.36	2.6	- 2.9	99.7	1.69	3.0	6.0	3.3	11.6	- 8.2	- 11.3
AUSTIN - WACD	392	3.44	- .6	- 1.4	89.4	1.25	8.3	7.2	3.8	12.1	- 3.0	- 7.8
SAN ANTONIO	499	3.39	4.8	6.1	46.3	1.22	- .5	- .7	3.9	11.3	- 13.5	- 13.2
CORPUS CHRISTI	345	3.46	.7	2.1	39.3	1.52	- 1.8	- 12.8	3.5	11.8	.8	- 4.7
MOUNTAIN												
EASTERN COLORADO	1,013	3.34	- .9	- 3.5	366.4	1.67	28.9	25.3	19.0	11.6	.3	- 5.1
GREAT BASIN	470	3.45	- 3.8	- 4.5	308.2	1.80	11.5	13.3	5.8	12.5	- 1.4	- 5.6
CENTRAL ARIZONA	925	3.50	20.8	7.6	224.8	1.33	- 17.7	- 2.9	13.1	11.0	3.0	- 2.4
RIO GRANDE VALLEY	778	3.50	3.0	- 1.5	115.0	1.70	26.9	22.7	8.4	11.9	- 2.7	- 3.3
PACIFIC												
PUGET SOUND	1,132	3.52	- 2.2	- 5.2	642.9	1.88	24.1	20.6	20.7	12.0	- 16.4	- 7.4
INLAND EMPIRE	177	3.54	.3	- 2.9	149.9	1.89	15.2	13.5	4.8	12.0	.7	- 2.5
COMBINED AREAS (60)	66,175	3.48	1.1	- 1.9	16,739.1	1.55	17.2	13.6	953.3	11.3	- 2.8	- 6.3
NEW YORK-NEW JERSEY 8/	---	---	---	---	---	---	---	---	---	---	---	---

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TABLE 6-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, DECEMBER 1969 WITH COMPARISONS -CON.

MARKETING AREA	CREAM				TOTAL FLUID			
	DECEMBER 1969		CHANGE 1969 FROM 1968		DECEMBER 1969		CHANGE 1969 FROM 1968	
	DAILY AVERAGE	BUTTERFAT CONTENT	DECEMBER	YEAR TO DATE*	DAILY AVERAGE	BUTTERFAT CONTENT	DECEMBER	YEAR TO DATE*
	1,000 LB.		PERCENT		1,000 LB.		PERCENT	
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST LOUIS - DZARKS 5/	19.6	20.8	17.5	6.7	1,967	3.17	- 1.2	- 1.4
KANSAS CITY	10.6	24.3	2.7	- 4.1	1,656	3.17	3.4	.2
NEOSHO VALLEY	1.5	25.3	- 12.0	- 6.9	237	3.27	7.4	6.1
WICHITA	3.5	26.2	- 5.8	- 10.9	561	3.11	- 2.1	- 2.3
EAST SOUTH CENTRAL								
PADUCAH	1.1	25.0	6.9	- 2.3	239	3.27	2.5	.3
NASHVILLE	3.2	27.2	.8	- .8	1,017	3.29	4.6	.2
MEMPHIS	4.0	24.7	2.5	- 4.4	656	3.41	4.2	2.4
KNOXVILLE	1.4	24.9	- .9	0	563	3.18	2.7	2.9
CHATTANOOGA 7/	1.4	26.4	6.3	- 9.6	522	3.35	5.4	3.4
MISSISSIPPI 8/	3.2	24.1	5.5	- .7	840	3.64	6.9	4.4
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS	2.8	24.7	17.3	11.8	560	3.50	6.9	2.1
OKLAHOMA METROPOLITAN	5.0	22.9	- 7.5	- 10.4	1,049	3.36	3.0	2.1
RED RIVER VALLEY	1.6	22.5	- 12.3	- 17.0	369	3.24	5.2	- .8
TEXAS PANHANDLE	1.9	29.3	- 15.7	- 12.5	249	3.48	3.4	- 5.0
LUBBOCK - PLAINVIEW	1.7	27.1	- 20.9	- 3.9	218	3.46	1.3	- 1.9
SOUTHERN GROUP								
NORTHERN LOUISIANA	2.2	26.4	5.5	1.4	389	3.77	3.5	1.3
NEW ORLEANS	3.0	24.1	9.1	- 4.6	779	3.79	4.0	.6
NORTH TEXAS 1/	23.0	25.1	14.0	- 12.4	2,180	3.35	5.1	2.8
CENTRAL WEST TEXAS	3.1	29.0	.6	.6	402	3.31	2.5	- .8
AUSTIN - WACO	2.7	27.9	3.8	- 6.0	494	3.26	1.2	0.
SAN ANTONIO	1.6	18.2	- 27.0	- 9.8	570	3.42	3.9	5.2
CORPUS CHRISTI	1.5	23.7	- 17.4	.7	398	3.44	.2	.2
MOUNTAIN								
EASTERN COLORADO	12.1	22.6	- 5.0	- 7.7	1,453	3.24	5.3	2.2
GREAT BASIN	9.4	29.0	- 2.7	- 8.1	796	3.19	.4	1.4
CENTRAL ARIZONA	10.0	21.9	9.8	2.3	1,201	3.29	10.2	4.8
RIO GRANDE VALLEY	5.4	26.4	16.1	1.7	926	3.59	4.4	.8
PACIFIC								
PUGET SOUND	21.0	27.6	7.4	- .8	1,842	3.39	5.9	2.1
INLAND EMPIRE	3.5	28.5	8.9	- 3.9	339	3.25	6.3	3.6
COMBINED AREAS (60)	755.2	22.6	2.5	- 4.8	85,753	3.40	3.8	.6
NEW YORK-NEW JERSEY 2/	---	---	---	---	15,806	---	.5	- .3

\* Data for February 1968 adjusted to a 28-day basis before computing percentage changes.

1/ Plain, flavored, and fluid equivalent of concentrated.

2/ Plain, fortified, and flavored skim and part skim milk, buttermilk, and cultured specialties.

3/ Sales represent the area after the 1969 amendment. (The July 1, 1968 amendment merged and expanded the Wheeling, Northeastern Ohio, and Youngstown-Warren markets and the May 1, 1969 amendment merged the Eastern Ohio-Western Pennsylvania and Clarksburg markets.)

4/ Sales represent the area after the 1969 amendment. (The July 1, 1968 amendment merged and expanded the Madison, Milwaukee, Northeastern Wisconsin, Northwestern Indiana, and Rock River Valley markets with the area formerly regulated under the Chicago order and the January 1, 1969 amendment deleted from the Chicago Regional marketing area, the area formerly regulated under Northwestern Indiana.)

5/ Sales represent the area after the merger and expansion of Nebraska-Western Iowa and Sioux City, May 1, 1968; St. Louis and Ozarks, October 1, 1968; and, Indianapolis, Fort Wayne, and the Northwestern Indiana market which was formerly included in the Chicago Regional marketing area, January 1, 1969.

6/ Sales for marketing area as defined prior to 1969 amendment.

7/ Sales for marketing area as defined after the 1968 amendment.

8/ Small amount of sales estimated.

Table 7.--Total fluid items, whole milk, skim milk items, milk and cream mixtures, and cream sold in marketing areas by Federal milk orders, for markets where such information is available, year 1969, with comparisons

Marketing area	Whole milk 1/				Skim milk items 2/			
	1969		1968		1969		1968	
	Daily average	Butter-fat content	Daily average	Butter-fat content	Daily average	Butter-fat content	Daily average	Butter-fat content
	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent
<u>NEW ENGLAND</u>								
Mass.-R. I.-N. H.	5,254	3.54	5,423	3.56	555.4	1.07	445.6	0.95
Connecticut	2,168	3.47	2,249	3.49	259.4	1.21	197.2	1.09
<u>MIDDLE ATLANTIC</u>								
Delaware Valley	3,148	3.42	3,341	3.48	353.4	1.10	309.2	1.00
<u>SOUTH ATLANTIC</u>								
Upper Chesapeake Bay	1,296	3.54	1,292	3.54	134.3	1.12	125.0	1.13
Washington, D. C.	1,688	3.56	1,721	3.56	254.1	1.29	220.9	1.20
Tri-State	918	3.50	886	3.51	124.9	1.41	108.8	1.34
Appalachian	321	3.53	315	3.54	55.1	.87	48.5	.75
Tampa Bay	895	3.55	866	3.61	158.4	1.02	144.0	1.00
Southeastern Florida	1,311	3.66	1,255	3.68	234.3	1.00	201.4	.98
Upper Florida	1,139	3.53	1,136	3.62	163.6	1.04	149.5	1.01
<u>EAST NORTH CENTRAL</u>								
<u>Eastern Group</u>								
Southern Michigan	5,202	3.50	5,496	3.51	1,077.9	1.37	835.7	1.21
Northwestern Ohio	897	3.51	964	3.51	253.0	1.69	190.3	1.70
<u>Eastern Ohio-</u>								
Western Pa. 3/	5,391	3.51	5,286	3.51	963.2	1.53	872.5	1.51
Columbus	865	3.50	877	3.50	148.0	1.42	128.7	1.39
Miami Valley	588	3.51	620	3.51	241.2	1.69	227.5	1.67
Cincinnati	960	3.50	924	3.49	261.7	1.55	241.0	1.56
<u>Western Group</u>								
Mich. Upper Peninsula	224	3.52	236	3.52	52.1	1.53	41.9	1.43
Chicago Regional 4/	6,907	3.40	7,057	3.41	1,782.2	1.60	1,692.6	1.60
<u>Louisville-Lexington-</u>								
Evansville	1,384	3.38	1,438	3.40	341.9	1.59	296.0	1.54
Indiana 5/	2,364	3.38	2,484	3.41	1,067.4	1.74	936.4	1.76
Southern Illinois	1,098	3.23	1,119	3.29	448.0	1.82	385.3	1.87
Central Illinois	345	3.27	365	3.29	143.7	1.71	128.4	1.75
<u>WEST NORTH CENTRAL</u>								
<u>Northern Group</u>								
Duluth-Superior	130	3.34	140	3.34	57.8	1.46	49.4	1.36
Minneapolis-St. Paul 6/	936	3.28	977	3.28	695.7	1.55	592.8	1.51
Eastern South Dakota	174	3.32	182	3.32	111.7	1.73	99.1	1.70
Black Hills	56	3.36	59	3.38	26.5	1.79	22.2	1.73
North Central Iowa	303	3.47	324	3.48	147.0	1.60	134.1	1.60
Cedar Rapids-Iowa City	114	3.42	122	3.39	55.6	1.25	48.3	1.13
Quad Cities-Dubuque	368	3.39	378	3.40	134.9	1.44	121.8	1.41
Des Moines	398	3.61	412	3.64	174.5	1.60	149.7	1.57
Nebr.-Western Iowa 5/	1,005	3.34	1,019	3.36	354.8	1.55	318.5	1.56
Minnesota-North Dakota	342	3.30	351	3.31	138.7	1.48	119.9	1.45

Continued

Table 7.--Total fluid items, whole milk, skim milk items, milk and cream mixtures, and cream sold in marketing areas by Federal milk orders, for markets where such information is available, year 1969, with comparisons

Marketing area	Milk and cream mixtures				Cream				Total fluid			
	1969		1968		1969		1968		1969		1968	
	Daily average	Butter-fat content	Daily average	Butter-fat content	Daily av.	Butter-fat content	Daily av.	Butter-fat content	Daily average	Butter-fat content	Daily average	Butter-fat content
	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.
<b>NEW ENGLAND</b>												
Mass.-R. I.-N. H.	21.7	11.4	21.7	11.7	136.2	21.3	145.1	21.5	5,978	3.75	6,044	3.84
Connecticut	22.3	10.8	22.8	10.9	29.7	24.3	32.6	24.5	2,484	3.56	2,505	3.65
<b>MIDDLE ATLANTIC</b>												
Delaware Valley	31.6	11.4	34.8	11.3	25.7	22.0	28.0	22.2	3,565	3.40	3,719	3.49
<b>SOUTH ATLANTIC</b>												
Upper Chesapeake Bay	14.5	11.7	15.5	11.8	3.6	23.7	3.9	23.8	1,452	3.45	1,442	3.48
Washington, D. C.	30.8	12.2	33.2	12.2	17.5	21.4	19.3	21.3	1,995	3.57	2,000	3.63
Tri-State	5.6	11.7	6.0	11.8	.7	19.3	.7	19.4	1,049	3.31	1,002	3.34
Appalachian	1.1	12.3	1.1	12.4	.4	23.0	.5	24.0	379	3.19	366	3.22
Tampa Bay	11.5	11.1	11.9	11.1	4.7	23.6	4.8	23.6	1,072	3.35	1,029	3.43
Southeastern Florida	28.4	10.9	29.5	10.7	14.1	22.8	14.6	22.7	1,590	3.58	1,504	3.66
Upper Florida	6.3	11.2	7.3	11.4	3.9	24.5	4.2	24.5	1,315	3.33	1,299	3.44
<b>EAST NORTH CENTRAL</b>												
<b>Eastern Group</b>												
Southern Michigan	98.7	10.6	106.3	10.7	45.9	20.8	47.3	20.9	6,432	3.38	6,403	3.46
Northwestern Ohio	11.8	11.0	13.4	11.0	3.0	22.0	3.4	22.3	1,166	3.24	1,172	3.36
<b>Eastern Ohio-</b>												
Western Pa. 3/	67.4	10.6	69.9	10.7	40.9	19.4	43.4	19.7	6,469	3.39	6,282	3.43
Columbus	9.8	10.8	10.7	10.8	3.3	20.4	3.6	21.0	1,027	3.33	1,021	3.38
Miami Valley	7.1	10.9	7.8	10.9	2.3	22.0	2.5	21.9	840	3.10	859	3.15
Cincinnati	11.5	10.8	11.9	11.1	4.0	22.8	3.7	22.6	1,240	3.22	1,183	3.24
<b>Western Group</b>												
Mich. Upper Peninsula	3.5	11.7	3.8	11.6	1.1	26.1	1.2	26.5	281	3.35	283	3.42
Chicago Regional 4/	169.9	11.8	182.1	11.8	62.9	20.7	66.8	20.7	8,939	3.33	9,016	3.37
<b>Louisville-Lexington-</b>												
Evansville	14.3	11.4	15.6	11.5	4.1	24.0	4.3	24.7	1,747	3.15	1,757	3.21
Indiana 5/	38.1	11.5	39.7	11.6	16.7	19.1	13.5	21.3	3,491	3.04	3,477	3.13
Southern Illinois	22.0	11.1	23.5	11.3	5.9	20.6	6.4	22.2	1,575	3.00	1,535	3.13
Central Illinois	8.1	11.3	8.9	11.2	2.7	17.8	2.5	20.2	500	3.03	505	3.12
<b>WEST NORTH CENTRAL</b>												
<b>Northern Group</b>												
Duluth-Superior	2.3	11.9	2.4	12.0	1.6	27.6	1.7	27.9	192	3.07	193	3.15
Minneapolis-St. Paul 6/	22.1	10.6	23.3	10.6	14.9	24.8	15.0	25.0	1,671	2.85	1,610	2.94
Eastern South Dakota	4.3	11.3	4.4	11.4	1.6	25.9	1.7	26.0	291	2.96	287	3.02
Black Hills	1.2	12.5	1.2	12.8	.5	23.8	.5	23.2	84	3.12	83	3.19
North Central Iowa	6.6	11.8	7.4	11.8	1.5	24.3	1.8	25.9	458	3.06	468	3.16
Cedar Rapids-Iowa City	2.6	11.5	2.8	12.1	.6	23.2	.8	21.5	173	2.92	174	2.99
Quad Cities-Dubuque	7.6	11.9	8.3	11.9	1.8	22.9	2.0	23.0	512	3.07	511	3.14
Des Moines	9.3	12.7	9.9	12.8	2.7	24.1	2.7	24.1	585	3.25	574	3.36
Nebr.-Western Iowa 5/	23.5	11.3	26.0	11.7	6.5	22.5	7.1	23.2	1,391	3.11	1,371	3.21
Minnesota-North Dakota	6.4	11.5	6.4	11.5	6.7	28.7	6.5	29.3	494	3.24	484	3.31

Continued

Table 7.--Total fluid items, whole milk, skim milk items, milk and cream mixtures, and cream sold in marketing areas by Federal milk orders, for markets where such information is available, year 1969, with comparisons -Con.

Marketing area	Whole milk <u>1/</u>				Skim milk items <u>2/</u>			
	1969		1968		1969		1968	
	Daily average	Butter- fat content	Daily average	Butter- fat content	Daily average	Butter- fat content	Daily average	Butter- fat content
	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent
<u>WEST NORTH CENTRAL -CON.</u>								
<u>Southern Group</u>								
St. Louis-Ozarks <u>5/</u>	1,350	3.30	1,430	3.33	515.5	1.79	462.1	1.83
Kansas City	1,123	3.33	1,162	3.35	404.5	1.72	359.8	1.71
Neosho Valley	179	3.34	172	3.37	42.9	1.58	36.4	1.59
Wichita	388	3.29	417	3.30	155.4	1.70	139.5	1.73
<u>EAST SOUTH CENTRAL</u>								
Paducah	195	3.43	196	3.47	34.7	1.32	32.8	1.34
Nashville	798	3.50	809	3.51	159.0	.91	146.1	.86
Memphis	506	3.53	505	3.53	106.7	1.20	93.0	1.15
Knoxville	415	3.64	436	3.63	140.0	1.20	102.8	.99
Chattanooga <u>7/</u>	376	3.86	374	3.90	132.5	1.30	116.6	1.20
Mississippi <u>6/</u>	687	3.81	665	3.80	124.5	1.51	112.1	1.50
<u>WEST SOUTH CENTRAL</u>								
<u>Northern Group</u>								
Central Arkansas	441	3.45	436	3.47	84.1	1.52	77.5	1.47
Oklahoma Metropolitan	843	3.39	842	3.44	144.4	1.68	123.6	1.70
Red River Valley	309	3.37	307	3.40	59.8	1.57	63.5	1.56
Texas Panhandle	200	3.40	216	3.38	37.2	1.65	33.7	1.59
Lubbock-Plainview	178	3.46	183	3.42	35.7	1.71	34.4	1.70
<u>Southern Group</u>								
Northern Louisiana	313	3.82	312	3.84	59.3	1.71	55.8	1.72
New Orleans	637	3.85	647	3.85	96.5	1.59	82.3	1.61
North Texas <u>7/</u>	1,606	3.39	1,543	3.39	481.3	1.42	482.3	1.44
Central West Texas	288	3.35	296	3.36	101.2	1.66	95.5	1.64
Austin-Waco	410	3.42	416	3.45	89.4	1.27	83.5	1.37
San Antonio	500	3.41	471	3.42	48.8	1.28	49.2	1.44
Corpus Christi	340	3.46	333	3.48	41.3	1.53	47.4	1.56
<u>MOUNTAIN</u>								
Eastern Colorado	1,018	3.35	1,054	3.36	334.5	1.64	266.8	1.55
Great Basin	479	3.43	502	3.44	298.4	1.79	263.3	1.85
Central Arizona	839	3.48	780	3.48	254.2	1.10	261.7	.99
Rio Grande Valley	784	3.50	796	3.51	107.2	1.68	87.4	1.69
<u>PACIFIC</u>								
Puget Sound	1,139	3.51	1,202	3.52	590.4	1.83	489.5	1.78
Inland Empire	178	3.53	183	3.56	140.2	1.86	123.5	1.82
Combined areas (60)	64,708	3.47	65,999	3.48	15,790.0	1.51	13,904.3	1.49
New York-New Jersey <u>8/</u>	---	---	---	---	---	---	---	---

Continued

Table 7.--Total fluid items, whole milk, skim milk items, milk and cream mixtures, and cream sold in marketing areas by Federal milk orders, for markets where such information is available, year 1969, with comparisons -Con.

Marketing area	Milk and cream mixtures				Cream				Total fluid			
	1969		1968		1969		1968		1969		1968	
	Daily average	Butter-fat content	Daily average	Butter-fat content	Daily av.	Butter-fat content	Daily av.	Butter-fat content	Daily average	Butter-fat content	Daily average	Butter-fat content
	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.	1,000 lb.	Pct.
<b>WEST NORTH CENTRAL-CON:</b>												
<b>Southern Group</b>												
St. Louis-Ozarks 5/	18.2	11.9	20.1	11.9	11.7	19.6	11.0	19.9	1,901	3.08	1,928	3.16
Kansas City	19.6	11.4	21.2	11.3	6.8	23.8	7.1	23.5	1,557	3.11	1,553	3.17
Neosho Valley	3.3	11.8	3.5	11.8	.7	23.8	.8	25.2	226	3.19	213	3.28
Wichita	8.2	11.0	8.7	11.0	2.2	25.7	2.4	26.4	555	3.05	568	3.13
<b>EAST SOUTH CENTRAL</b>												
Paducah	.9	12.3	1.0	12.0	.7	23.7	.7	24.6	232	3.21	231	3.27
Nashville	4.0	12.3	4.2	12.4	2.1	27.2	2.1	28.4	965	3.17	964	3.21
Memphis	4.6	12.1	5.0	12.2	2.8	24.3	3.0	24.5	622	3.30	608	3.35
Knoxville	1.8	12.5	1.9	12.7	1.0	25.0	1.0	26.5	558	3.10	542	3.21
Chattanooga 7/	1.4	12.2	1.5	12.2	1.0	26.6	1.1	26.8	511	3.27	494	3.35
Mississippi 6/	4.3	12.3	4.4	12.4	2.2	25.5	2.2	27.0	819	3.57	784	3.59
<b>WEST SOUTH CENTRAL</b>												
<b>Northern Group</b>												
Central Arkansas	3.5	11.9	3.8	11.8	1.5	26.3	1.4	28.4	531	3.27	520	3.31
Oklahoma Metropolitan	8.8	11.5	9.4	11.6	3.2	22.7	3.6	24.4	1,001	3.28	980	3.37
Red River Valley	2.2	11.2	2.5	11.4	1.0	22.3	1.3	24.0	372	3.18	375	3.21
Texas Panhandle	2.2	11.7	2.4	11.7	1.2	26.5	1.3	27.3	241	3.33	254	3.35
Lubbock-Plainview	1.5	11.3	1.7	11.1	1.3	27.2	1.4	28.1	216	3.37	220	3.37
<b>Southern Group</b>												
Northern Louisiana	1.7	11.4	2.0	11.4	1.4	24.8	1.4	26.0	375	3.61	371	3.65
New Orleans	7.2	12.4	7.5	12.5	2.1	23.4	2.2	23.4	744	3.70	740	3.76
North Texas 7/	19.1	11.4	21.2	11.4	13.6	25.6	15.5	25.2	2,123	3.17	2,065	3.19
Central West Texas	3.4	11.9	3.9	12.0	1.8	28.2	1.7	28.6	395	3.11	398	3.15
Austin-Waco	3.9	12.2	4.2	12.3	1.7	28.5	1.8	28.4	506	3.20	506	3.27
San Antonio	3.9	11.3	4.5	11.5	1.2	21.1	1.4	25.5	556	3.33	528	3.37
Corpus Christi	3.2	11.7	3.4	11.6	1.1	23.6	1.1	25.2	386	3.39	386	3.38
<b>MOUNTAIN</b>												
Eastern Colorado	19.0	11.7	20.0	11.7	8.4	22.8	9.1	22.9	1,384	3.18	1,355	3.27
Great Basin	6.2	12.4	6.6	12.4	6.6	29.6	7.1	28.9	791	3.10	780	3.21
Central Arizona	12.1	11.0	12.4	11.3	6.1	22.6	6.0	23.4	1,114	3.12	1,063	3.07
Rio Grande Valley	8.4	11.9	8.7	11.9	3.5	24.8	3.5	25.2	905	3.46	898	3.50
<b>PACIFIC</b>												
Puget Sound	24.0	11.9	25.9	11.9	13.9	27.9	14.0	28.2	1,770	3.27	1,733	3.36
Inland Empire	5.0	11.7	5.1	11.9	2.5	28.6	2.6	29.0	326	3.14	315	3.23
Combined areas (60)	923.5	11.4	986.2	11.4	571.0	22.2	600.0	22.5	82,119	3.32	81,620	3.38
New York-New Jersey 8/	---	---	---	---	---	---	---	---	15,453	---	15,508	---

1/ Plain, flavored, and fluid equivalent of concentrated.

2/ Plain, fortified, and flavored skim and part skim milk, buttermilk, and cultured specialties.

3/ Sales represent the area after the 1969 amendment. (The July 1, 1968 amendment merged and expanded the Wheeling, Northeastern Ohio, and Youngstown-Warren markets and the May 1, 1969 amendment merged the Eastern Ohio-Western Pennsylvania and Clarksburg markets.)

4/ Sales represent the area after the 1969 amendment. (The July 1, 1968 amendment merged and expanded the Madison, Milwaukee, Northeastern Wisconsin, Northwestern Indiana, and Rock River Valley markets with the area formerly regulated under the Chicago order and the January 1, 1969 amendment deleted from the Chicago Regional marketing area, the area formerly regulated under Northwestern Indiana.)

5/ Sales represent the area after the merger and expansion of Nebraska-Western Iowa and Sioux City, May 1, 1968; St. Louis and Ozarks, October 1, 1968; and, Indianapolis, Fort Wayne, and Northwestern Indiana markets which was formerly included in the Chicago Regional marketing area, January 1, 1969.

6/ Sales for marketing area as defined prior to 1969 amendment.

7/ Sales for marketing area as defined after the 1968 amendment.

8/ Small amount of sales estimated.

Table 8.--Daily average sales of individual fluid milk products, selected Federal order markets, January 1969 to date, with comparisons 1/

Item	January				February				March				April			
	Change 1969 from 1968		Daily average		Change 1969 from 1968 2/		Daily average		Change 1969 from 1968		Daily average		Change 1969 from 1968		Daily average	
	Jan.	to date	Jan.	to date	Feb.	to date	Feb.	to date	March	to date	March	to date	April	to date	April	to date
	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent
Whole milk 3/	66,668.8	- 0.8 : - 0.8	65,621.6	- 1.2 : - 1.0	64,154.4	- 2.2 : - 1.4	63,394.4	- 1.9 : - 1.5								
Flavored whole milk	2,500.6	+ 3.5 : + 3.5	2,629.4	+ 5.3 : + 4.4	2,508.7	+ .6 : + 3.0	2,445.8	+ 2.7 : + 3.0								
Total whole milk items	69,169.4	- .7 : - .7	68,251.0	- 1.0 : - .8	66,663.1	- 2.1 : - 1.3	65,840.2	- 1.8 : - 1.4								
Lowfat (2%) milk																
Plain	2,323.8	+21.6 : +21.6	2,357.3	+24.4 : +22.9	2,318.2	+21.0 : +22.3	2,380.5	+26.5 : +23.3								
Solids added	7,129.5	+17.6 : +17.6	7,285.0	+18.4 : +18.0	7,390.4	+16.4 : +17.4	7,323.7	+14.0 : +16.5								
Skim milk																
Plain	1,082.4	- 2.0 : - 2.0	1,116.1	- 2.0 : - 2.0	1,099.7	- 4.8 : - 3.0	1,103.5	- 4.2 : - 3.3								
Solids added	2,299.6	+12.4 : +12.4	2,396.8	+10.9 : +11.7	2,432.0	+ 8.9 : +10.7	2,520.1	+12.4 : +11.1								
Buttermilk	1,639.2	+ 4.5 : + 4.5	1,628.1	+ 3.1 : + 3.8	1,646.8	+ 1.6 : + 3.1	1,637.2	+ 1.4 : + 2.6								
Yogurt	50.2	+62.5 : +62.5	73.6	+69.7 : +66.5	82.7	+78.4 : +71.2	94.2	+66.6 : +69.7								
Flavored milk drinks	760.6	+16.1 : +16.1	760.0	+12.3 : +14.2	755.5	+ 5.4 : +11.1	738.9	+ .9 : + 8.4								
Total skim and lowfat milk items	15,285.3	+14.3 : +14.3	15,617.0	+14.4 : +14.3	15,725.2	+12.0 : +13.5	15,798.2	+12.0 : +13.1								
Milk and cream mixtures	943.2	- 5.6 : - 5.6	963.4	- 6.0 : - 5.8	944.5	- 5.5 : - 5.7	937.4	- 5.9 : - 5.7								
Light cream	175.4	- 7.9 : - 7.9	176.7	-13.9 : -10.9	173.4	-10.4 : -10.7	174.3	-10.9 : -10.7								
Heavy cream	121.6	- 8.0 : - 8.0	134.4	-11.0 : - 9.5	136.0	- 7.9 : - 8.9	155.4	-13.5 : -10.3								
Sour cream	230.5	- 4.1 : - 4.1	244.0	- 4.4 : - 4.2	240.9	+ 2.3 : - 2.0	242.2	- 1.9 : - 2.0								
Total cream items	527.6	- 6.3 : - 6.3	555.0	- 9.2 : - 7.7	550.3	- 4.6 : - 6.7	571.9	- 8.1 : - 7.0								
Total fluid milk and cream	85,927.0	+ 1.5 : + 1.5	85,387.1	+ 1.4 : + 1.4	83,896.2	+ .3 : + 1.0	83,157.5	+ .5 : + .9								

CONTINUED

Table 8.--Daily average sales of individual fluid milk products, selected Federal order markets, January 1969 to date, with comparisons 1/1969-1968

Item	May				June				July				August			
	Change 1969 from 1968		Daily average		Change 1969 from 1968		Daily average		Change 1969 from 1968		Daily average		Change 1969 from 1968		Daily average	
	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/	Percent	date 2/
	1,000 lb.		1,000 lb.		1,000 lb.		1,000 lb.		1,000 lb.		1,000 lb.		1,000 lb.		1,000 lb.	
Whole milk 3/	62,682.3	- 1.3 : - 1.5	56,379.5	- 2.0 : - 1.6	56,519.1	- 3.1 : - 1.8	57,504.7	- 5.7 : - 2.3								
Flavored whole milk	2,430.5	+ 1.9 : + 2.7	1,470.9	- 4.4 : + 1.9	1,347.3	- 2.1 : + 1.6	1,441.8	- 4.0 : + 1.1								
Total whole milk items	65,112.8	- 1.2 : - 1.4	57,850.4	- 2.1 : - 1.5	57,866.4	- 3.1 : - 1.7	58,946.5	- 5.7 : - 2.2								
Lowfat (2%) milk																
Plain	2,398.7	+25.7 : +23.8	2,170.8	+23.1 : +23.6	2,265.0	+26.7 : +24.1	2,175.8	+18.9 : +23.4								
Solids added	7,323.4	+14.8 : +16.2	7,041.4	+16.1 : +16.1	6,977.0	+19.0 : +16.5	7,265.4	+15.8 : +16.4								
Skim milk																
Plain	1,050.1	-10.0 : - 4.7	800.7	-20.6 : - 7.1	837.4	-14.7 : - 8.1	826.4	-14.8 : - 8.8								
Solids added	2,572.3	+18.8 : +12.7	2,514.7	+20.8 : +14.0	2,396.1	+19.3 : +14.7	2,392.0	+13.9 : +14.6								
Buttermilk	1,683.4	+ 3.8 : + 2.9	1,644.1	+ 3.1 : + 2.9	1,669.9	+ 1.4 : + 2.7	1,648.0	- 2.1 : + 2.1								
Yogurt	103.2	+62.5 : +67.8	97.5	+78.4 : +69.8	88.1	+104.1 : +74.2	89.3	+128.8 : +80.0								
Flavored milk drinks	727.1	+ .4 : + 6.7	723.4	+ 3.2 : + 6.3	734.6	- 3.1 : + 4.8	750.3	- 4.6 : + 3.5								
Total skim and lowfat milk items	15,858.2	+13.0 : +13.1	14,992.5	+13.0 : +13.1	14,968.2	+14.4 : +13.3	15,147.2	+10.7 : +12.9								
Milk and cream mixtures	954.9	- 4.1 : - 5.4	903.6	- 4.6 : - 5.4	880.8	- 8.1 : - 5.8	881.9	-10.1 : - 6.3								
Light cream	176.5	- 6.9 : -10.0	161.9	- 9.0 : - 9.8	155.6	-11.0 : -10.0	158.9	-14.6 : -10.6								
Heavy cream	163.2	- 5.8 : - 9.3	146.2	- 8.1 : - 9.1	130.7	- 7.9 : - 8.9	120.9	-10.7 : - 9.1								
Sour cream	246.7	- .5 : - 1.7	248.6	+ 5.6 : - .5	243.0	- 3.6 : - 1.0	248.8	+ .3 : - .8								
Total cream items	586.4	- 4.0 : - 6.4	556.7	- 2.8 : - 5.8	529.3	- 6.9 : - 6.0	528.6	- 7.2 : - 6.1								
Total fluid milk and cream	82,512.5	+ 1.2 : + 1.0	74,303.4	+ .6 : + .9	74,244.9	- .1 : + .8	75,504.4	- 2.9 : + .3								

-Continued

Table 8.--Daily average sales of individual fluid milk products, selected Federal order markets, January 1969 to date, with comparisons <sup>1/</sup> -Con.

Item	September				October				November				December			
	Change 1969		Change 1969		Change 1969		Change 1969		Change 1969		Change 1969		Change 1969		Change 1969	
	Daily	from 1968	Daily	from 1968	Daily	from 1968	Daily	from 1968	Daily	from 1968	Daily	from 1968	Daily	from 1968	Daily	from 1968
average	Sept.	: to	average	: Oct.	Sept.	: to	average	: Nov.	Sept.	: to	average	: Dec.	Sept.	: to	average	: Dec.
	: date 2/		: date 2/		: date 2/		: date 2/		: date 2/		: date 2/		: date 2/		: date 2/	
	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent	1,000 lb.	Percent
Whole milk 3/	64,404.5	: + 0.5	: - 2.0	: - 1.8	: - 1.9	: - 1.9	62,575.2	: - 6.5	: - 2.4	: - 2.4	63,987.3	: + 1.0	: - 2.1	: - 2.1	63,987.3	: + 1.0
Flavored whole milk	2,893.2	: + 7.6	: + 2.0	: + 5.2	: + 2.4	: + 2.4	2,987.9	: + 5.2	: + 2.4	: + 2.4	2,187.7	: + 6.4	: + 2.5	: + 2.5	2,187.7	: + 6.4
Total whole milk items	67,297.6	: + .8	: - 1.8	: - 1.5	: - 1.8	: - 1.8	65,063.8	: - 6.3	: - 2.2	: - 2.2	66,175.0	: + 1.1	: - 1.9	: - 1.9	66,175.0	: + 1.1
Lowfat (2%) milk																
Plain	2,225.5	: +12.5	: +17.7	: +17.1	: +18.3	: +18.3	2,419.7	: + 9.4	: +17.4	: +17.4	2,534.8	: +18.9	: +17.6	: +17.6	2,534.8	: +18.9
Solids added	7,944.0	: +25.2	: +18.8	: +23.5	: +19.3	: +19.3	8,017.4	: +14.9	: +18.9	: +18.9	8,437.8	: +24.1	: +19.3	: +19.3	8,437.8	: +24.1
Skim milk																
Plain	919.4	: - 5.3	: -14.6	: - 6.4	: -13.8	: -13.8	921.7	: -12.8	: -13.7	: -13.7	943.3	: - 3.8	: -12.9	: -12.9	943.3	: - 3.8
Solids added	2,576.1	: +18.5	: +18.1	: +18.4	: +18.2	: +18.2	2,534.2	: +10.5	: +17.4	: +17.4	2,557.9	: +18.0	: +17.5	: +17.5	2,557.9	: +18.0
Buttermilk	1,606.1	: + 2.3	: + 2.1	: + 1.8	: + 2.1	: + 2.1	1,547.0	: - 2.8	: + 1.6	: + 1.6	1,541.6	: + 3.4	: + 1.8	: + 1.8	1,541.6	: + 3.4
Yogurt	97.5	: +143.6	: +86.0	: +120.5	: +89.6	: +89.6	86.9	: +91.0	: +89.7	: +89.7	75.6	: +85.4	: +89.4	: +89.4	75.6	: +85.4
Flavored milk drinks	778.8	: - .6	: + 3.0	: - 7.4	: + 1.8	: + 1.8	664.2	: -10.7	: + .7	: + .7	648.0	: - 3.0	: + .4	: + .4	648.0	: - 3.0
Total skim and lowfat milk items	16,147.5	: +16.5	: +13.3	: +15.9	: +13.7	: +13.7	16,191.2	: + 8.5	: +13.2	: +13.2	16,739.1	: +17.2	: +13.6	: +13.6	16,739.1	: +17.2
Milk and cream mixtures	903.1	: - 4.9	: - 6.2	: - 5.2	: - 6.1	: - 6.1	906.7	: -11.7	: - 6.6	: - 6.6	953.3	: - 2.8	: - 6.3	: - 6.3	953.3	: - 2.8
Light cream	163.9	: - 4.8	: -10.0	: -13.3	: -10.3	: -10.3	154.2	: -19.0	: -11.1	: -11.1	164.0	: -10.8	: -11.1	: -11.1	164.0	: -10.8
Heavy cream	114.7	: - 5.6	: - 8.8	: - 6.5	: - 8.6	: - 8.6	203.1	: - 7.5	: - 8.5	: - 8.5	216.8	: - 2.0	: - 7.7	: - 7.7	216.8	: - 2.0
Sour cream	253.1	: + 3.4	: - .4	: + 6.2	: + .3	: + .3	273.4	: - .5	: + .2	: + .2	374.3	: +12.9	: + 1.6	: + 1.6	374.3	: +12.9
Total cream items	531.7	: - 1.2	: - 5.6	: - 3.4	: - 5.4	: - 5.4	630.7	: - 7.9	: - 5.7	: - 5.7	755.2	: + 2.5	: - 4.8	: - 4.8	755.2	: + 2.5
Total fluid milk and cream	84,880.9	: + 3.3	: + .7	: + 1.4	: + .8	: + .8	83,155.3	: - 3.8	: + .3	: + .3	85,753.4	: + 3.8	: + .6	: + .6	85,753.4	: + 3.8

<sup>1/</sup> See Table 6 for markets included.

<sup>2/</sup> Data for February 1968 adjusted to a 28-day basis before computing percentage changes.

<sup>3/</sup> Includes whole milk equivalent of concentrated milk.

Table 9.--Federal order base and excess prices for milk of 3.5 percent butterfat content, January 1/

Marketing area	Base price		Excess price		Marketing area	Base price		Excess price	
	January		January			January		January	
	1970	1969	1970	1969		1970	1969	1970	1969
	Dollars per 100 lb.					Dollars per 100 lb.			
Appalachian					Memphis				
Black Hills	---	4.71	---	3.93	Nashville				
Central Arkansas					New Orleans				
Chattanooga					Puget Sound	6.18	5.87	4.35	4.32
Delaware Valley					Southern Michigan	5.85	5.58	4.25	4.19
Fort Smith					Upper Chesapeake Bay				
Georgia					Washington, D. C.				
Kansas City									

1/ See footnotes on table 2 for location at which price is reported.

Table 10.--Seasonal incentive fund included under various Federal milk orders, January

January			January		
Marketing area	1970	1969	Marketing area	1970	1969
	Dol.	per 100 lb.		Dol.	per 100 lb.
Central Arizona			Massachusetts-R.I.-N.H.		
Central Illinois			Miami Valley		
Cincinnati			Nebraska-Western Iowa		
Columbus			New York-New Jersey		
Connecticut			Paducah	0.46	0.57
Eastern South Dakota			St. Louis-Ozarks		
Indiana			Southern Illinois		
Inland Empire			Tri-State		
Louisville-Lexington-Evansville					

Table 11.--Filled and imitation milk sales in Federal milk order markets 1/

Product Composition	November 1969			December 1969			January 1970		
	Mkts.	Handlers	Volume	Mkts.	Handlers	Volume	Mkts.	Handlers	Volume
	Number		1,000 lb.	Number		1,000	Number		1,000 lb.
Filled milk:									
Nondairy fat and:									
Fluid skim milk	13	28	2,778	13	30	3,158	12	28	3,224
Nonfat dry milk	5	9	587	5	6	165	5	7	201
Imitation milk:									
Nondairy fat and:									
Sodium caseinate and other protein	5	5	2/	5	5	2/	5	5	2/
Total	18*	42	3,365	19*	41	3,323	13/18*	40	3,425

\* Represents number of markets reporting sales of one or more products. 1/ The survey information reported here may not reflect all sales of filled and imitation milks in all order markets. 2/ Unknown.  
 3/ Austin-Waco, Central Arizona, Central Illinois, Cincinnati, Corpus Christi, Delaware Valley, Eastern Colorado, Eastern Ohio-Western Pennsylvania, Minnesota-North Dakota, Nebraska-Western Iowa, New Orleans, New York-New Jersey, Oklahoma Metropolitan, San Antonio, Southern Illinois, Tampa Bay, Tri-State, and Upper Chesapeake Bay.

Table 1.--Dairy product prices and manufacturing milk prices used in Federal milk order pricing formulas, January 1970 to date, with comparisons

Dairy product market prices																		
BUTTER																		
CHEDDAR, CHEESE:: NONFAT DRY MILK, SPRAY																		
CREAM																		
Month	Chicago		New York		Wis. primary		Chicago area		at Chicago		Southeastern		pa. 3/					
	92-Score	93(92)-Score	92-Score	92-Score	93-Score	Change	Change	Change	Change	Change	Change	Change	Change	Change				
	1970	from 1970	1970	from 1970	1970	from 1970	from 1970	from 1970	from 1970	from 1970	from 1970	from 1970	from 1970	from 1970				
	1969	from 1969	1969	from 1969	1969	from 1969	from 1969	from 1969	from 1969	from 1969	from 1969	from 1969	from 1969	from 1969				
January	67.61	+1.20	67.61	+1.20	68.58	+1.17	68.86	+0.50	69.07	+1.34	55.81	+7.29	23.00	+0.05	24.18	-0.24	*	0
February																		
March																		
April																		
May																		
June																		
July																		
August																		
September																		
October																		
November																		
December																		
Cents per pound																		
Dollars per																		
40-quart can																		

Cents per pound

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content									
	U. S. manufacturing					Minn.-Wis. manuf.				
	plants 4/					grade milk 5/				
	1970	Change	from 1968	1970	Change	from 1969	1970	Change	from 1969	1970
January	4.53	+0.37	4.67	+0.40	4.25	+0.06	3.81	+0.16	3.58	+0.04
February										
March										
April										
May										
June										
July										
August										
September										
October										
November										
December										

Dollars per 100 lbs. f.o.b. plant

\* Too few to report.

1/ 16th of preceding month through 15th of current month. 2/ 26th of preceding month through 25th of current month. 3/ Average mid-point of range (CL & LCL). 4/ 3.5 percent price converted by using Chicago 92-score butter price times 0.115. 5/ 3.5 percent price converted by using Chicago 92-score butter price times 0.120. 6/ Chicago 92-score butter price times 4.2 plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.



Table 14.--U.S. production, January 1970 to date, with comparisons

Month	Milk 1/		Butter 2/		American cheese 2/		Nonfat dry milk 3/	
	: Change		: Change		: Change		: Change	
	: from		: from		: from		: from	
	: 1969		: 1969		: 1969		: 1969	
	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.	Mil. lb.	Pct.
Jan.	9.4	0	101.5	-5	107.2	+18	102.5	-13
Feb.	:	:	:	:	:	:	:	:
Mar.	:	:	:	:	:	:	:	:
Apr.	:	:	:	:	:	:	:	:
May	:	:	:	:	:	:	:	:
June	:	:	:	:	:	:	:	:
July	:	:	:	:	:	:	:	:
Aug.	:	:	:	:	:	:	:	:
Sept.	:	:	:	:	:	:	:	:
Oct.	:	:	:	:	:	:	:	:
Nov.	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:
Year to date	:	:	:	:	:	:	:	:

\* Preliminary. 1/ "Milk Production," SRS. 2/ "Production of Creamery Butter and Cheese," SRS. 3/ "Evaporated, Condensed and Dry Milk," SRS.

Table 15.--Commercial and Government storage holdings, January 1970 to date, with comparisons

Month	Storage Holdings 1/											
	Butter 2/				American cheese 2/				Nonfat dry milk			
	Commer-		Total		Commer-		Total		Commer-		Total	
	cial	Gov't		Change	cial	Gov't		Change	cial	Gov't		Change
	1970*	1970*	1970*	from	1970*	1970*	1970*	from	1970*	1970*	1970*	from
				1969				1969				1969
	Million pounds			Pct.	Million pounds			Pct.	Million pounds			Pct.
Jan.	18.0	57.7	75.7	-28	247.9	2.0	249.9	-16	81.1	97.7	178.8	-35
Feb.												
Mar.												
Apr.												
May												
June												
July												
Aug.												
Sept.												
Oct.												
Nov.												
Dec.												

\* Preliminary. 1/ End of month. 2/ "Cold Storage Report," SRS. 3/ "Evaporated, Condensed and Dry Milk," SRS. 4/ "Summary of Processed Commodities in Store," ASCS.

Table 16.--U.S.D.A. purchases (Delivery basis), January 1969-January 1970

Month	Butter 1/		American cheese 1/		Nonfat dry milk 1/		Milk equivalent of net U.S.D.A. purchases 2/	
	1970	1969	1970	1969	1970	1969	1970	1969
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	Mil. lb.	Mil. lb.
	1970	1969	1970	1969	1970	1969	1970	1969
Jan.	13,998	19,513	3,198	1,949	24,943	42,677	463	420
Feb.	:	:	:	:	:	:	:	:
Mar.	:	:	:	:	:	:	:	:
Apr.	:	:	:	:	:	:	:	:
May	:	:	:	:	:	:	:	:
June	:	:	:	:	:	:	:	:
July	:	:	:	:	:	:	:	:
Aug.	:	:	:	:	:	:	:	:
Sept.	:	:	:	:	:	:	:	:
Oct.	:	:	:	:	:	:	:	:
Nov.	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:
Year to date	:	:	:	:	:	:	:	:

\* Purchased under section 709 of the Agricultural Act of 1965.

1/ "Dairy Price Support Activity Report," ASCS. 2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese, ASCS. 3/ Purchased under Section 709 of the Agricultural Act of 1965.

Table 17.--Whole milk used in the production of manufactured dairy products in the United States, 1968 and Federal order surplus whole milk used in manufactured dairy products, 1967-1968 <sup>1/</sup>

Manufactured dairy products	United States		Federal order markets				
	1968		1967		1968		
	Total	Percentage	Total	Percentage	Total	Percentage	Percentage
	of produc- tion 2/ tion	of total factory products	of produc- tion 3/ tion	of total factory products	of produc- tion 3/ tion	of total factory products	of total U. S.
	Mil. lb.	Percent	Mil. lb.	Percent	Mil. lb.	Percent	Percent
Butter	25,000	42.1	6,402	33.3	6,943	35.2	27.8
Cheese <sup>4/</sup>	17,400	29.3	2,816	14.7	2,892	14.7	16.6
Frozen desserts and condensed whole milk	12,000	20.2	1,434	38.7	7,442	37.7	62.0
Cottage cheese, creamed	1,100	1.8	5/ 873	4.5	5/ 868	4.4	78.9
Evaporated and dry whole milk and other factory products	3,900	6.6	6/ 1,681	8.8	6/ 1,585	8.0	40.6
Total factory products	59,400	100.0	19,206	100.0	19,730	100.0	33.2

<sup>1/</sup> Data represent whole milk equivalent based on milkfat content.

<sup>2/</sup> "Production of Manufactured Dairy Products," 1968, USDA-SRS, Da 2-1 (69).

<sup>3/</sup> Market administrators' bulletins and product reports. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are preliminary and partially estimated.

<sup>4/</sup> All cheese except creamed cottage cheese.

<sup>5/</sup> May include small quantities of other cheeses such as pot, bakers', etc.

<sup>6/</sup> Includes evaporated and dry whole milk, milk used in candy, soup, bakery products, etc.

Table 17a.--Seasonality of milk utilized in manufactured products in Federal order markets. Milk used in selected manufactured dairy products as a percentage of the monthly average use for the year, 1968

Month	Butter	Cheese	Frozen desserts and condensed whole milk	Cottage cheese cream	Evaporated and dry whole milk and other factory products
			Percent		
January	109.6	78.9	86.7	107.5	73.4
February	98.3	91.9	83.7	100.5	72.3
March	108.8	93.6	90.5	109.6	82.7
April	116.5	119.6	100.8	106.1	110.3
May	131.3	142.8	106.1	103.4	139.6
June	121.7	136.1	112.1	97.2	128.6
July	93.0	119.7	132.2	102.6	106.9
August	71.5	97.0	125.7	95.7	95.8
September	63.2	74.0	100.4	91.2	89.0
October	83.1	71.0	97.6	100.9	99.8
November	91.5	70.9	80.5	93.4	85.8
December	111.5	104.5	83.7	91.9	115.8

Table 18.--Surplus whole milk uses in manufactured dairy products in selected marketing areas defined by Federal milk orders, 1968 <sup>1/</sup>

Marketing area	Percentage of surplus whole milk <sup>2/</sup> used in manufactured products					Percentage of surplus whole milk <sup>2/</sup> utilized in:	
	Butter	Cheese	Frozen	Other	factory products	Pool plants	Non-order plants
			desserts & condensed milk	Cottage cheese			
			whole milk	3/			
			Percent			Percent	
<b>NEW ENGLAND</b>							
Massachusetts-R.I.-N.H.	10.6	25.1	51.6	3.4	9.3	47.7	52.3
Connecticut	.5	6.2	90.8	1.7	.8	54.7	45.3
<b>MIDDLE ATLANTIC</b>							
Delaware Valley	*	*	71.8	38.0	40.2	15.2	84.8
<b>SOUTH ATLANTIC</b>							
Upper Chesapeake Bay	1.3	.6	91.1	4.7	2.3	43.9	56.1
Washington, D. C.	31.8	*	64.8	3.3	.1	86.5	13.5
Clarksburg	31.1	*	27.7	8.5	32.7	37.8	62.2
Tri-State	26.1	*	34.1	5.7	34.1	58.4	41.6
Appalachian	40.7	8.2	30.5	3.1	17.5	24.1	75.9
Tampa Bay	*	1.6	74.8	23.6	*	56.3	43.7
Southeastern Florida	.2	*	94.5	5.3	*	58.1	41.9
Upper Florida	*	5.1	93.1	1.8	*	81.6	18.4
<b>EAST NORTH CENTRAL</b>							
Upstate Michigan	50.9	29.3	11.9	7.9	*	47.4	52.6
Southern Michigan	41.3	8.0	43.8	5.4	1.5	48.2	51.8
Northwestern Ohio	22.1	*	58.1	9.2	10.6	30.9	69.1
Eastern Ohio-Western Pa.	20.3	9.0	60.6	5.6	4.5	43.9	56.1
Columbus	44.8	4.4	43.4	6.0	1.4	22.9	77.1
Miami Valley	45.3	4.3	46.0	4.1	.3	26.9	73.1
Cincinnati	6.7	2.8	56.4	6.3	27.8	53.7	46.3
Michigan Upper Peninsula	24.1	55.2	18.2	2.5	*	66.7	33.3
Chicago	41.6	26.2	23.7	2.5	6.0	19.2	80.8
Fort Wayne	69.7	2.1	4.8	2.0	21.4	12.5	87.5
Louisville-Lexington-Evans.	38.4	19.0	33.3	4.8	4.5	26.6	73.4
Indianapolis	31.7	2.6	46.8	7.6	11.3	34.6	65.4
Southern Illinois	68.6	5.6	19.0	3.9	2.9	35.1	64.9
Central Illinois	30.3	4.3	42.1	6.4	16.9	43.1	56.9
<b>WEST NORTH CENTRAL</b>							
Duluth-Superior	89.4	*	10.4	.2	*	99.9	.1
Minneapolis-St. Paul	83.9	2.9	11.8	1.4	*	75.6	24.4
Eastern South Dakota	72.6	6.1	19.0	2.3	*	66.9	33.1
Black Hills	39.5	40.7	17.3	2.5	*	35.2	64.8
North Central Iowa	72.4	.4	5.6	1.6	*	25.1	74.9
Cedar Rapids-Iowa City	94.2	1.8	1.8	2.1	.1	4.0	96.0
Quad Cities-Dubuque	54.9	.5	34.2	10.0	.4	19.0	81.0
Des Moines	66.6	2.4	23.2	7.8	*	22.1	77.9
Nebraska-Western Iowa	66.8	2.1	23.5	5.2	2.4	61.7	38.3
Minnesota-North Dakota	86.4	.1	11.4	2.0	.1	27.6	72.4

Continued

Table 18.--Surplus whole milk used in manufactured dairy products in selected marketing areas defined by Federal milk orders, 1968 1/ -Con.

Marketing area	Percentage of surplus whole milk <u>2/</u> used in manufactured products						Percentage of surplus whole milk <u>2/</u> utilized in:	
	Butter	Cheese	Frozen	Cottage cheese	Other factory products	3/	Pool plants	Non- order plants
			desserts &					
			condensed whole milk					
			Percent				Percent	
<u>WEST NORTH CENTRAL - CON.</u>								
St. Louis-Ozarks	49.3	19.9	23.1	7.6	0.1		32.2	67.8
Kansas City	46.4	9.2	34.3	9.3	.8		42.6	57.4
Neosho Valley	56.5	3.4	7.3	6.1	26.7		48.8	51.2
Wichita	32.6	29.8	33.3	4.3	*		26.9	73.1
<u>EAST SOUTH CENTRAL</u>								
Paducah	23.0	27.6	49.2	.2	*		22.7	77.3
Nashville	23.0	23.0	48.5	2.7	2.8		13.3	86.7
Memphis	20.0	1.4	73.6	4.9	.1		67.7	32.3
Knoxville	36.2	36.8	18.1	4.2	4.7		11.4	88.6
Chattanooga	39.3	.1	51.7	4.5	4.4		33.6	66.4
Mississippi	29.2	10.1	59.0	1.7	*		25.0	75.0
Central Arkansas	7.8	3.4	82.1	4.2	2.5		58.6	41.4
Fort Smith	.8	.4	95.5	3.3	*		17.8	82.2
Oklahoma Metropolitan	61.6	9.5	25.3	3.5	.1		73.2	26.8
Red River Valley	25.6	22.3	46.3	5.8	*		52.8	47.2
Texas Panhandle	4.0	62.9	28.3	4.8	*		16.6	83.4
Lubbock-Plainview	7.7	28.8	58.3	5.2	*		28.4	71.6
Northern Louisiana	19.6	7.8	66.4	4.2	*		47.3	52.7
New Orleans	18.8	4.3	68.3	8.4	.2		45.4	54.6
North Texas	31.2	5.7	56.6	2.7	3.8		32.4	67.6
Central West Texas	7.4	23.0	66.0	3.6	*		55.1	44.9
Austin-Waco	28.3	7.3	57.9	6.0	*		65.8	34.2
San Antonio	10.4	60.3	27.0	2.3	*		30.0	70.0
Corpus Christi	40.2	15.3	38.6	5.9	*		45.6	54.4
South Texas	17.2	1.8	78.9	.1	*		37.9	62.1
<u>MOUNTAIN</u>								
Eastern Colorado	11.5	20.3	46.8	7.7	13.7		46.1	53.9
Great Basin	33.4	24.3	37.6	4.5	.2		61.7	38.3
Western Colorado	7.9	16.1	66.8	7.6	1.6		37.8	62.2
Central Arizona	35.9	.3	55.4	8.3	.1		70.4	29.6
Rio Grande Valley	2.9	36.0	52.4	8.7	*		46.4	53.6
<u>PACIFIC</u>								
Puget Sound	37.3	15.2	24.8	3.8	18.9		82.6	17.4
Inland Empire	42.3	17.1	35.3	5.0	.3		51.6	48.4

\* Indicates no surplus milk used in such products, or less than 0.05 percent.

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonpool plants for processing. Some of the data are partially estimated.

2/ Data represent whole milk equivalent based on milkfat content.

3/ Includes evaporated and dry whole milk, milk used in candy, soup, bakery products, etc.

## Federal Order Surplus Milk Used in Manufactured Dairy Products, 1968

Producer deliveries of milk to handlers regulated under Federal milk orders represented nearly 52 percent of all milk and cream delivered to all plants and dealers in the United States in 1968. Approximately two-thirds of these deliveries was used in the production of fluid milk products, and as such represent about two-thirds of the total fluid products sold in the country. Approximately one-third of these deliveries was used in the production of nonfluid milk products.

In order to be sure an adequate supply of milk is available at all times in Federal order markets, some reserve supply is necessary and desirable. In addition to day-to-day and seasonal variations in deliveries from producers, purchases of milk by consumers show considerable variation from day-to-day and from month-to-month. Because of these variations, "daily" and "seasonal" reserve supplies of milk are a necessary and an inevitable part of the milk supply of any fluid milk market. The volume of surplus milk and the volume used in various manufactured products varies from market-to-market and from month-to-month, depending on such factors as local milk production and consumption patterns, market organization and institutional arrangements, extent and location of the marketing area, etc.

Handlers regulated under Federal milk orders are engaged primarily in the production of fluid milk products and, as such, may have only limited facilities for processing manufactured products. In some markets much of the surplus, especially the seasonal surplus, is diverted or transferred to non-order plants for processing. In 1968, approximately 60 percent of the surplus Federal order milk was transferred or diverted to non-order plants for use in manufactured products (excludes New York where such information is not available). This relationship however, is not the same in all markets, nor is it the same for all products. In the case of surplus milk used in butter and cheese, 31 percent was used in pool plants, the remainder was transferred or diverted to non-order plants. Of the surplus milk used in frozen desserts and condensed milk, one-half was used in pool plants; and in the case of cottage cheese, almost three-fourths of the surplus milk used in this product was used in pool plants.

Because of the nature of milk production and the perishability and demand for fluid milk products, the amount of milk utilized in manufactured products has a noticeable seasonality during the year. As might be expected the amount of surplus milk utilized in butter and cheese is greatest in the flush production months of April, May, and June. Surplus milk used in frozen desserts is greatest in the summer months of June, July, and August. The seasonality pattern of milk used in cottage cheese shows the least fluctuation and is quite similar to that of fluid milk products.

The data in table 17 compares Federal order surplus whole milk equivalent (based on milkfat content) used in the production of various manufactured products during 1968 with like figures for 1967 and total whole milk equivalent used in the production of all manufactured products in the United States in 1968:1/ Table 17a compares the seasonality of Federal order surplus milk utilized in manufactured products. Table 18 shows for individual Federal order markets excluding New York-New Jersey the percentage of surplus milk used in manufactured dairy products and the percentage of total surplus utilized in pool plants and non-order plants.

A total of 59.4 billion pounds of net whole milk equivalent was used in the production of manufactured dairy products in the United States in 1968. Butter represented the largest single use at 42 percent; cheese production accounted for 29 percent; frozen dairy products (including ice cream) and condensed milk: 20 percent; cottage cheese: 2 percent; and evaporated and dry whole milk and other factory products: about 7 percent of the total net whole milk equivalent used in all manufactured dairy products.

A total of 19.7 billion pounds of Federal order surplus whole milk equivalent was used in the production of manufactured dairy products in 1968. Frozen dairy products (including ice cream) and condensed milk represented the largest use at 37.7 percent; butter production accounted for 35.2 percent; cheese: 14.7 percent; cottage cheese: 4.4 percent; and evaporated and dry whole milk and other factory products: 8.0 percent of the total Federal order surplus whole milk equivalent used in all manufactured dairy products.

While surplus Federal order milk used in factory products accounted for 33 percent of the United States total, the production of certain products was relatively unimportant while production of others was important when compared to United States production. In the case of butter and cheese, Federal order milk accounted for less than 24 percent of the total United States production of these two products (The New York-New Jersey and Chicago Regional markets accounted for over one-third of the Federal order milk used in these two products). In the case of the production of some of the so-called "soft products", mainly cottage cheese and frozen dairy

products, Federal order milk accounted for over 60 percent of the total United States production of these products (cottage cheese accounted for 79 percent and frozen products plus condensed whole milk 62 percent). This relationship corresponds closely to the relationship of fluid milk sales in Federal milk order markets to total fluid sales in the country.

The relative importance of cottage cheese and frozen desserts made from Federal order milk is associated with the nature of the order program and with the nature of the products themselves. Handlers regulated under Federal milk orders are primarily handlers of fluid milk. Like fluid milk products, cottage cheese and frozen dairy products are perishable and bulky. Also, there is a general demand for these products on most fluid milk routes. Therefore, they are often processed in the same plants where fluid milk is processed and packaged. For these reasons, cottage cheese and frozen dairy products have become closely associated with fluid milk markets; and their production and distribution have become an integral part of many fluid milk operations. As the scope of the Federal milk order program has expanded in relation to the total fluid milk industry, so has the production and handling of these manufactured products by order handlers increased in relation to total United States production.

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1/ "Production of Manufactured Dairy Products," 1968, USDA-SRS, Da 2-1 (69).

Amendments:

62 Markets - January 1 (34 FR 18603, 11/22/69). (Includes all markets effective as of January 1, 1970, except Georgia, Mississippi, Southeastern Minnesota-Northern Iowa, Minneapolis-St. Paul, Central Arizona, and Oregon-Washington.)

This amendment provides, in each of the 62 orders, a new provision defining "filled milk" and also provides for the product "filled milk" to be included in the fluid milk product definition, which would give it a Class I classification. Filled milk is defined as any combination of nonmilk fat or oil with skim milk (whether fresh, cultured, reconstituted, or modified), so that the product resembles milk or any other fluid milk product, and contains less than six percent nonmilk fat (or oil).

Pool plant provisions are revised to exclude filled milk in determining standards necessary to obtain pool plant status. The allocation provisions would allocate filled milk just as fluid milk products are now handled, except reconstituted filled milk would be down-allocated. Any reconstituted skim milk in filled milk allocated to Class I at a pool plant is subject to a Class I less surplus charge.

An individual-handler pool other order plant is required to pay to the producer-settlement fund the difference between Class I and the surplus price on in-area route disposition of reconstituted skim milk in filled milk. A receipt of filled milk containing reconstituted skim milk at a pool plant from an individual-handler pool other order plant is subject to a Class I less surplus price charge.

The operator of a partially regulated distributing plant is charged the difference between Class I and blend prices on disposition of filled milk made with liquid skim, the same treatment now applicable to fluid milk products. For any Class I disposition of reconstituted skim milk in filled milk, or in any fluid milk product, the rate of payment is at the Class I-surplus price difference.

For a producer-handler, this amendment restricts the allowable sources of milk for maintenance of exempt status. Generally, a producer-handler must rely upon his own production for Class I sales. Where he is permitted to purchase supplemental fluid milk products from pool plants or other order plants, filled milk is included. He may no longer purchase supplemental milk from unregulated sources.

Eastern Ohio-Western Pennsylvania - January 1 (34 FR 20385, 12/31/69). This amendment will continue indefinitely the present Class I price which was due to expire December 31, 1969. The Class I price is the Minnesota-Wisconsin price for the preceding month plus \$1.67 for plants in the Cleveland-Erie district and \$1.77 for plants in the Pittsburgh district, plus 20 cents for each district.

Inland Empire - January 1 (34 FR 18909, 11/27/69). This amendment provides a new provision defining "filled milk," and also provides for the product "filled milk" to be included in the fluid milk product definition, which would give it a Class I classification.

In order to qualify a distributing plant for pooling, disposition of fluid milk products, except filled milk, on routes within the marketing area must exceed or equal the lesser of 150,000 pounds or 15 percent of the total receipts of Grade A milk from dairy farmers, cooperative associations, and pool supply plants.

The Class I price is the Minnesota-Wisconsin price for the preceding month plus \$1.75 and plus 20¢. The amendment also deletes the supply-demand adjustment to the Class I price from the order.

Amendment clarifies the classification and allocation provisions with respect to other source milk used to produce a Class II product, and it also clarifies payments to producers by substituting "partial payment" where the term "advance payment" is now used.

Suspensions:

Southeastern Florida - January 6 (35 FR 178, 1/6/70). This order suspends, for the period December 1969 through February 1970, the requirement that eight days' production from a dairy farmer must be received at a pool plant during the month in order for such person to acquire producer status.

Tri-State - January 1 (35 FR 219, 1/7/70). For an indefinite period, this suspension will provide for the Class II price to be the Minnesota-Wisconsin price for the month. The Class II price applies only to producer milk used in the production of cottage cheese.

Upper Chesapeake Bay - January 27 (35 FR 1044, 1/27/70). This action suspends, for an indefinite period, the provision which provides for the Class I classification of cream and mixtures of cream and milk or skim milk disposed of on routes in the Washington, D. C. marketing area.

Washington, D. C. - January 27 (35 FR 1044, 1/27/70). This action suspends, for an indefinite period, concentrated milk (including frozen), cream and any mixture of cream and milk or skim milk from the fluid milk product definition. Action also suspends the provision which excludes from the fluid milk product definition "products which are packaged in hermetically sealed containers." This will insure that pasteurized fluid whole milk packaged in certain paper cartons, which might be considered "hermetically sealed" will continue to be classified as Class I.

Termination:

Massachusetts-Rhode Island-New Hampshire - January 9 (35 FR 353, 1/9/70). This action terminates the nearby farm location differential provisions of the order, which have been in partial suspension since January 13, 1967.

New Order:

Oregon-Washington - January 1 (34 FR 18897, 11/27/69). (Other provisions were effective 12/1/69.)

The basic formula price is the Minnesota-Wisconsin price for the month. For the purpose of computing the Class I price, the order provides that the basic formula price shall not be less than \$4.33. From January 1, 1970, through June 30, 1971, the Class I price shall be the Minnesota-Wisconsin price for the preceding month plus \$1.75, and plus 25 cents. The Class II price is the Class III price for the month plus 25 cents. The Class III price is the Minnesota-Wisconsin price, but not to exceed a butter-powder formula price. The butter-powder formula in the order is: (Chicago 92-score butter price x 4.2) plus (Chicago area spray price x 8.2) minus 48 cents.

The Class I butterfat differential is the Chicago 92-score butter price for the preceding month times 0.12. The Class II butterfat differential is the Chicago 92-score butter price for the month times 0.115. The Class III butterfat differential is the Chicago 92-score butter price for the month times 0.115, and the producer butterfat differential is the weighted average of the Class I, Class II, and Class III butterfat differentials.

The Oregon-Washington order includes a base-excess plan for paying producers with August-December as the base-forming period. Bases would be effective from February through January of the following year. The order also provides for producers to be afforded the alternative of participating in the Oregon base plan operated by the State of Oregon.

Location adjustments would apply to plants not located in the Oregon portion of the marketing area (except Umatilla County) or in the State of California. For any plant located in Lewis, Pacific, Benton, Franklin, Grant, Yakima, and Walla Walla Counties, Washington; and Umatilla County, Oregon, the Class I price is reduced 20 cents. For any plant located more than 100 miles from the Multnomah County Courthouse in Portland, Oregon, the Class I price is reduced 15 cents and an additional 1.5 cents for each 10 miles or fraction thereof over 110 miles.

The marketing service deduction is six cents per hundredweight and the expense of administration is four cents per hundredweight.

U. S. DEPARTMENT OF AGRICULTURE  
CONSUMER AND MARKETING SERVICE  
WASHINGTON, D. C. 20250

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